



No. 7



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UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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**Visit the Maritime Safety Information Division website at
<http://pollux.nss.nga.mil/>**



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-3370	287-3370	301-227-4211
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nga.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

Cover Photo: The **USS SLATER (DE-766)** is a Canon Class Destroyer Escort launched on February 13, 1944 and commissioned on May 1, 1944. Of the 565 Destroyer Escorts built during World War II, the **USS SLATER** is the only one remaining afloat in the United States and the last one with original battle armament and configuration. She has a displacement of 1,200 tons, is 306 feet long with a beam of 36 feet and carried a crew of 216 men when commissioned. The **USS SLATER** was named after Frank O. Slater of Alabama, a sailor killed aboard the **USS SAN FRANCISCO** during the Battle of Guadalcanal in 1942. The **USS SLATER** saw service in both the Atlantic and Pacific theaters during World War II. She was decommissioned in 1946 and was transferred to Greece on March 1, 1951. The **USS SLATER** served in the Hellenic Navy until 1991, when she was donated to the Destroyer Escort Sailors Association (DESA). She was returned to New York in 1993 and was transferred to her permanent homeport of Albany, New York in October 1997. The **USS SLATER** now serves as a living museum and is being maintained by a crew of dedicated volunteers.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 7/04

HYDROGRAM

**National Geospatial-Intelligence Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

14 February 2004

NEW EDITION OF LIST OF LIGHTS

PUB. 112, 2004 EDITION, LIST OF LIGHTS, RADIO AIDS AND FOG SIGNALS FOR THE WESTERN PACIFIC AND INDIAN OCEANS INCLUDING THE PERSIAN GULF AND RED SEA, IS READY FOR ISSUE. SEE SECTIONS II AND III.

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA RECOGNIZES TWO NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

★ indicates that it is based upon original U.S. source information.

T indicates that it is temporary in nature.

P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.

The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter N is not a part of the chart number.

The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.

Courses and bearings are given in degrees true.

Light sectors are expressed in degrees true from the vessel TOWARD the light.

The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.

The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.

Section I-2* contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.

Section I-3 lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

NM 7/04

530	30Ed. 3/23/02	LAST NM 4/04	7/04		
	Change	Visibility (range) of light to 19M (48/03 CG11)	40°26'N 124°24'W	Delete	(Page A, Inset 1) Range lights (2) and range line between 29°41'03.0"N 94°58'43.1"W 29°41'49.8"N 94°59'48.2"W
624	3Ed. 3/21/81	LAST NM 22/02	7/04		
	Add	Depth 76 fathoms enclosed by depth contour (100-fathom) (16(1842)03 Taunton)	71°04'S 171°10'E		Range lights (2) and range line between 29°42'12.9"N 95°00'19.8"W 29°41'30.4"N 94°59'19.5"W
1115A	Ed. 10/02	LAST NM 5/04	7/04		
	Delete	Light	30°12.7'N 88°58.0'W		Light "111" 29°43'17.2"N 95°01'20.3"W Light "113" 29°43'29.4"N 95°01'26.8"W Buoy "115" 29°43'48.3"N 95°02'36.8"W
	Add	Submerged well (cov 661fms) [L20] (1, 2/04 CG8)	28°29.2'N 88°47.1'W		Range lights (2) and range line between 29°43'57.7"N 95°01'57.0"W 29°43'37.8"N 95°01'26.7"W
1116A	Ed. 6/03	LAST NM 6/04	7/04		
	Delete	Buoy Note: Fish haven (cov 9fms) remains	28°25.2'N 92°38.1'W	Relocate	Light "109" from 29°43'12.5"N 95°01'19.4"W to 29°43'15.6"N 95°01'19.5"W (See 6/04-11326)
	Substitute	Platform [L10] for submerged well (cov 28fms) (NOS; 52/03, 2/04 CG8)	28°29.3'N 92°09.3'W	Add	Range light, front QR 20ft 29°41'00.2"N 94°58'45.1"W Range light, rear Iso R 6s 37ft 29°40'57.1"N 94°58'41.2"W
		Platform [L10] for submerged well (cov 46fms) and buoy	28°12.0'N 91°25.9'W		Range line extending in 312°36' direction from above rear light dashed for 1035 yards, thence solid for 890 yards
		Dotted-line obstruction area with blue tint [K46.2] for dashed-line area Note: Legend "Obstn (Fish Haven) (cov 8 1/4 fms)" remains (See 37, 51/03-1116A)	28°28.4'N 91°02.3'W		Range light, front QG 20ft 29°42'04.8"N 95°00'02.4"W Range light, rear Iso G 6s 35ft 29°42'09.5"N 95°00'08.3"W
1117A	Ed. 4/03	LAST NM 6/04	7/04		
	Add	Danger circle "Obstn" [K40] (PA) (52/03 CG8)	28°55.5'N 95°16.3'W		Range line extending in 132°36' direction from above rear light dashed for 1610 yards, thence solid for 590 yards
11300	39Ed. 4/03	LAST NM 6/04	7/04		
	Add	Danger circle "Obstn" [K40] (PA) (52/03 CG8)	28°55.5'N 95°16.3'W		Solid line (range line) between 29°41'26.5"N 94°59'14.0"W 29°41'23.2"N 94°59'11.7"W
★11301	23Ed. 9/8/01	LAST NM 1/04	7/04		
	Change	Range light, front to QG 40ft, QG 42ft 3M (2/04 CG8)	26°02'17"N 97°12'43"W		Light "109A" Fl G 6s 17ft 29°43'25.4"N 95°01'23.6"W Light "111" Fl G 2.5s 17ft 29°43'39.4"N 95°01'38.0"W Light "111A" Fl G 2.5s 17ft 29°43'43.9"N 95°01'53.2"W Light "113" Fl G 4s 17ft 29°43'46.4"N 95°02'16.3"W Light "113B" Fl G 4s 17ft 29°43'48.9"N 95°02'38.0"W
		Range light, front to QR 35ft, QR 37ft 3M	26°00'53"N 97°15'46"W		Range light, front QR 17ft 29°43'53.6"N 95°01'45.0"W Range light, rear Iso R 6s 25ft 29°43'58.1"N 95°01'49.5"W
		Height of range light, rear to 75ft	26°00'28"N 97°16'39"W		Range line extending in 139° direction from above rear light dashed for 700 yards, thence solid for 700 yards (52/03, 2/04 CG8)
		Range light, front to Q 35ft, Q 37ft 5M (See 24/03-11301)	25°58'29"N 97°19'57"W		
11302	30Ed. 9/03	LAST NM 1/04 (Side B)	7/04		
	Change	Range light, front to QG 40ft, QG 42ft 3M (2/04 CG8)	26°02'16.5"N 97°12'43.3"W	★11328	23Ed. 8/03
		Range light, front to QR 35ft, QR 37ft 3M	26°00'52.5"N 97°15'45.8"W	Delete	Range lights (2), range line and legend "UPPER...RGE" between 29°41'03.0"N 94°58'43.1"W 29°41'49.1"N 94°59'48.2"W
		Height of range light, rear to 75ft	26°00'27.9"N 97°16'39.1"W		Range lights (2), range line and legend "UPPER...RANGE" between 29°42'12.9"N 95°00'19.8"W 29°41'29.9"N 94°59'19.0"W
		Range light, front to Q 35ft, Q 37ft 5M (2/04 CG8)	25°58'28.3"N 97°19'56.7"W		Light "111" 29°43'17.7"N 95°01'20.5"W Light "113" 29°43'29.5"N 95°01'27.0"W Light (undesignated) 29°43'37.8"N 95°01'37.4"W
★11321	29Ed. 12/15/01	LAST NM 34/03	7/04		
	Delete	Platform	28°55'12"N 94°56'19"W		Range lights (2), range line and legend "BAYTOWN...RANGE" between 29°43'57.7"N 95°01'57.0"W 29°43'35.6"N 95°01'25.2"W
	Add	Danger circle "Obstn" [K40] (PA) (52/03, 2/04 CG8)	28°55'30"N 95°16'18"W	Relocate	Light "109" from 29°43'12.5"N 95°01'19.4"W to 29°43'15.6"N 95°01'19.5"W (See 6/04-11328)
11322	28Ed. 3/03	LAST NM 1/04 (Side B)	7/04		
	Add	Danger circle "Obstn" [K40] (PA) (52/03 CG8)	28°55'30"N 95°16'18"W	Add	Range light, front QR 20ft 5M Ra Ref 29°41'00.2"N 94°58'45.1"W
11326	31Ed. 10/02	LAST NM 6/04 (Page A)	7/04		
	Delete	Range lights (Iso R 6s, QR) and range line between	29°41'04"N 94°58'43"W 29°41'55"N 94°59'54"W		Range light, rear Iso R 6s 37ft 29°40'57.1"N 94°58'41.2"W
					Range line extending in 312°36' direction from above rear light dashed for 1035 yards, thence solid for 890 yards

(continued on next page)

11328 (Continued)
 Legend "UPPER MORGANS PT
 OUTBOUND RGE" along above range line
 29°41'08.1"N 94°58'54.0"W
 Range light, front QG 20ft 5M 29°42'04.8"N 95°00'02.4"W
 Range light, rear Iso G 6s 35ft 29°42'09.5"N 95°00'08.3"W
 Range line extending in 132°36' direction from
 above rear light
 dashed for 1610 yards, thence
 solid for 590 yards
 Legend "UPPER MORGANS PT INBOUND
 RGE" along above range line 29°42'04.8"N 95°00'03.5"W
 Solid line (range line) between 29°41'25.6"N 94°59'13.1"W
 29°41'23.2"N 94°59'11.0"W
 Light "109A" Fl G 6s 17ft 4M Ra Ref
 29°43'25.4"N 95°01'23.6"W
 Light "111" Fl G 2.5s 17ft 4M Ra Ref
 29°43'39.4"N 95°01'38.0"W
 Light "111A" Fl G 2.5s 17ft 4M Ra Ref
 29°43'43.9"N 95°01'53.2"W
 Range light, front QR 17ft 4M Ra Ref
 29°43'53.6"N 95°01'45.0"W
 Range light, rear Iso R 6s 25ft 4M Ra Ref
 29°43'58.1"N 95°01'49.5"W
 Range line extending in 139° direction from
 above rear light
 dashed for 700 yards, thence
 solid for 700 yards
 Legend "BAYTOWN BEND RGE" along
 above range line 29°43'54.1"N 95°01'46.7"W
 (52/03, 2/04 CG8)
 ★**11329** 35Ed. 9/03 LAST NM 6/04 7/04
 Delete Light "111" 29°43'17.9"N 95°01'20.6"W
 Light "113" 29°43'29.4"N 95°01'27.0"W
 Buoy "115" 29°43'48.2"N 95°02'36.1"W
 Range lights (2), range line and legend
 "BAYTOWN...RANGE" between
 29°43'57.7"N 95°01'57.0"W
 29°43'38.8"N 95°01'27.5"W
 Relocate Light "109" from 29°43'12.5"N 95°01'19.4"W
 to 29°43'15.6"N 95°01'19.5"W
 (See 6/04-11329)
 Add Light "109A" Fl G 6s 17ft 4M Ra Ref
 29°43'25.4"N 95°01'23.6"W
 Light "111" Fl G 2.5s 17ft 4M Ra Ref
 29°43'39.4"N 95°01'38.0"W
 Light "111A" Fl G 2.5s 17ft 4M Ra Ref
 29°43'43.9"N 95°01'53.2"W
 Light "113" Fl G 4s 17ft 4M Ra Ref
 29°43'46.4"N 95°02'16.3"W
 Light "113B" Fl G 4s 17ft 4M Ra Ref
 29°43'48.9"N 95°02'38.0"W
 Range light, front QR 17ft 4M Ra Ref
 29°43'53.6"N 95°01'45.0"W
 Range light, rear Iso R 6s 25ft 4M Ra Ref
 29°43'58.1"N 95°01'49.5"W
 Range line extending in 139° direction from
 above rear light
 dashed for 700 yards, thence
 solid for 700 yards
 Legend "BAYTOWN BEND RANGE" along
 above range line 29°43'54.0"N 95°01'46.2"W
 (52/03, 2/04 CG8)
11330 15Ed. 10/03 LAST NM 6/04 7/04
 Add Danger circle "Obstn" [K40] (PA) 28°55.5'N 95°16.3'W
 (52/03 CG8)
 ★**11340** 68Ed. 6/03 LAST NM 6/04 7/04
 Delete Buoy 28°25.2'N 92°38.1'W
 Note: Fish haven (cov 9fms) remains
 Substitute Platform [L10] for submerged well (cov 28fms)
 28°29.3'N 92°09.3'W

Platform [L10] for submerged well (cov 46fms)
 and buoy 28°12.0'N 91°25.9'W
 Dotted-line obstruction area with blue tint
 [K46.2] for dashed-line area 28°28.4'N 91°02.3'W
 Note: Legend "Obstn (Fish Haven)
 (cov 8 1/2fms)" remains
 (See 37, 51/03-11340)
 (NOS; 52/03, 2/04 CG8)
11352 36Ed. 11/02 LAST NM 6/04 7/04
 Change Designation of light to "6" 29°15.3'N 89°55.5'W
 (2/04 CG8)
 ★**11358** 52Ed. 6/03 LAST NM 6/04 7/04
 Change Designation of light to "6" 29°15'17"N 89°55'30"W
 (2/04 CG8)
11360 40Ed. 10/02 LAST NM 5/04 7/04
 Delete Light 30°12.7'N 88°58.0'W
 Add Submerged well (cov 661fms) [L20] 28°29.2'N 88°47.1'W
 (1, 2/04 CG8)
11362 4Ed. 6/10/00 LAST NM N5/04 N7/04
 Delete Light and legend "TOWER (Aband LH)" 30°12.7'N 88°58.2'W
 Add Submerged well (cov 661fms) [L20] 28°29.2'N 88°47.1'W
 (1, 2/04 CG8)
11365 17Ed. 10/02 LAST NM 6/04 7/04
 (Side A)
 Change Designation of light to "6" 29°15'16.8"N 89°55'30.3"W
 (2/04 CG8)
 ★**11366** 8Ed. 10/03 LAST NM 5/04 7/04
 Delete Light 30°12.7'N 88°58.0'W
 Add Submerged well (cov 661fms) [L20] 28°29.2'N 88°47.1'W
 (1, 2/04 CG8)
11372 30Ed. 11/02 LAST NM 4/04 7/04
 (Side A)
 Change Range light, rear (Iso 6s 81ft, Fl 6s 84ft 10M)
 to Iso 6s 81ft, Fl 6s 30ft 6M 30°12'45.2"N 88°57'58.5"W
 (2/04 CG8)
 ★**11373** 43Ed. 9/03 LAST NM 5/04 7/04
 Change Range light, rear to Oc 4s 64ft, Fl 4s 65ft 5M
 30°16'18"N 88°29'53"W
 Range light, rear (Iso 6s 81ft, Fl 6s 84ft 10M)
 to Iso 6s 81ft, Fl 6s 30ft 6M 30°12'45"N 88°58'00"W
 (2/04 CG8)
11374 32Ed. 10/03 LAST NM 2/04 7/04
 (Side A)
 Change Range light, rear to Oc 4s 64ft, Fl 4s 65ft 5M
 30°16'15.9"N 88°29'53.0"W
 (2/04 CG8)
 (Side B)
 Change Range light, rear to Oc 4s 64ft, Fl 4s 65ft 5M
 30°16'15.9"N 88°29'53.0"W
 (2/04 CG8)
 ★**11375** 35Ed. 8/02 LAST NM 1/04 7/04
 Change Range light, rear to Oc 4s 64ft, Fl 4s 65ft 5M
 30°16'15.9"N 88°29'53.0"W
 (2/04 CG8)
11376 49Ed. 9/03 LAST NM 5/04 7/04
 Add Platform [L10] 30°17'12"N 88°04'05"W
 (2/04 CG8)
 ★**11377** 5Ed. 6/03 LAST NM 44/03 7/04
 Add Platform [L10] 30°17'12.2"N 88°04'05.3"W
 (2/04 CG8)

SECTION I

NM 7/04

11378	32Ed. 1/03 LAST NM 52/03 (Side B) Add Platform [L10] 30°17'12.2"N 88°04'05.3"W (2/04 CG8)	7/04	★13269	9Ed. 1/10/98 LAST NM 18/01 Relocate Buoy "1G" from 42°16'06.4"N 70°46'21.8"W to 42°16'07.5"N 70°46'21.3"W (50/03 CG1)	7/04
11389	32Ed. 10/13/01 LAST NM 2/04 Add Dangerous wreck [K28] (PA) 30°07'33"N 85°45'27"W (52/03 CG8)	7/04	13325	14Ed. 11/4/95 LAST NM 29/03 Relocate Buoy "1" from 44°31'20"N 67°32'02"W to 44°31'24"N 67°31'59"W (52/03 CG1)	7/04
11390	22Ed. 3/30/02 LAST NM 3/04 (Side A) Add Dangerous wreck [K28] (PA) 30°07'32.5"N 85°45'27.0"W (52/03 CG8)	7/04	★13326	12Ed. 3/20/93 LAST NM 43/02 Relocate Buoy "1" from 44°31'19"N 67°32'02"W to 44°31'24"N 67°31'59"W (52/03 CG1)	7/04
★11391	23Ed. 10/03 LAST NM 3/04 Add Dangerous wreck [K28] (PA) 30°07'32.5"N 85°45'27.0"W (52/03 CG8)	7/04	★14835	31Ed. 11/8/97 LAST NM 39/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	7/04
11520	41Ed. 7/03 LAST NM 5/04 Relocate Buoy "OC" from 35°03.4'N 75°58.9'W to 35°03.1'N 75°58.6'W (48/03 CG5)	7/04	14901	14Ed. 10/02 LAST NM 5/03 Change Height of light to 51ft 41°44.2'N 87°30.5'W Visibility (range) of light to 17 St M 41°43.5'N 87°29.6'W Light to "2" Fl R 2.5s 36ft 6 St M 41°38.9'N 87°08.8'W (29, 31/03 CG9)	7/04
11525	6Ed. 9/23/00 LAST NM N5/04 Relocate Buoy "OC" from 35°03.3'N 75°58.8'W to 35°03.1'N 75°58.6'W (48/03 CG5)	N7/04	★14903	23Ed. 5/03 LAST NM 2/04 (Inset Two Rivers) Substitute Depth 11 feet for 14 feet 44°08'34.2"N 87°33'41.1"W Depth 10 feet for 13 feet 44°08'31.8"N 87°33'41.1"W Depth 15 feet for 11 feet 44°08'32.1"N 87°33'37.9"W Depth 11 feet for 13 feet 44°08'31.4"N 87°33'36.8"W Depth 12 feet for 15 feet 44°08'31.1"N 87°33'35.4"W Depth 11 feet for 13 feet 44°08'29.6"N 87°33'38.2"W Depth 14 feet for 16 feet 44°08'29.9"N 87°33'35.2"W Depth 12 feet for 15 feet 44°08'26.8"N 87°33'39.6"W Depth 8 feet for 10 feet 44°08'30.7"N 87°33'41.1"W Depth 8 feet for 11 feet 44°08'29.8"N 87°33'40.5"W (Cancels 2/04-14903) (NOS)	
11548	38Ed. 9/02 LAST NM 47/02 Relocate Buoy "OC" from 35°03'17"N 75°58'58"W to 35°03'04"N 75°58'37"W (48/03 CG5)	7/04	14905	30Ed. 8/03 LAST NM 45/03 Delete Legend "Priv" from light 41°54'11"N 87°36'28"W Change Height of light to 51ft 41°44'13"N 87°30'29"W Visibility (range) of light to 17 St M 41°43'34"N 87°29'36"W (29, 31/03 CG9)	7/04
★11550	28Ed. 2/03 LAST NM 17/03 Relocate Buoy "OC" from 35°03'18"N 75°58'57"W to 35°03'04"N 75°58'37"W (48/03 CG5)	7/04	14919	27Ed. 9/20/97 LAST NM 1/04 Change Visibility (range) of light "7" to 3 St M 44°48'19.0"N 87°19'51.0"W (36/03 CG9)	7/04
11555	38Ed. 7/02 LAST NM 2/04 Relocate Buoy "OC" from 35°03'18"N 75°58'57"W to 35°03'04"N 75°58'37"W (48/03 CG5)	7/04	14926	10Ed. 4/03 LAST NM 47/03 (Page 7) Delete Legend "Priv" from light 41°54'12"N 87°36'28"W Change Visibility (range) of light to 17 St M 41°43'34"N 87°29'36"W (Page 12) Delete Legend "Priv" from light 41°54'11"N 87°36'28"W Change Visibility (range) of light to 17 St M 41°43'34"N 87°29'36"W (29, 31/03 CG9)	7/04
12201	25Ed. 7/17/99 LAST NM N6/04 Relocate Buoy "OC" from 35°03.3'N 75°58.9'W to 35°03.1'N 75°58.6'W (48/03 CG5)	N7/04	14927	24Ed. 2/2/02 LAST NM 47/03 Delete Legend "Priv" from light 41°54'11"N 87°36'28"W Change Height of light to 51ft 41°44'13"N 87°30'29"W Visibility (range) of light to 17 St M 41°43'34"N 87°29'36"W (29, 31/03 CG9)	7/04
12222	45Ed. 11/03 LAST NM 6/04 Add Buoy (mooring) [Q40] "A" Fl 6s (Navy) 36°58'14"N 76°21'01"W (48/03 CG5)	7/04			
★12245	62Ed. 5/03 LAST NM 4/04 Add Buoy (mooring) [Q40] "A" Fl 6s (Navy) 36°58'14"N 76°21'01"W (48/03 CG5)	7/04			
★12272	29Ed. 4/20/02 LAST NM 38/03 Substitute Tower symbol [E20] for light "C" 39°15'13.0"N 76°13'26.0"W (48/03 CG5)	7/04			
12273	54Ed. 9/03 LAST NM 47/03 Substitute Tower symbol [E20] for light "C" 39°15'12"N 76°13'25"W (48/03 CG5)	7/04			
12278	72Ed. 4/20/02 LAST NM 38/03 Substitute Tower symbol [E20] for light "C" 39°15'13"N 76°13'25"W (48/03 CG5)	7/04			
12280	4Ed. 10/03 LAST NM 2/04 Substitute Tower symbol [E20] for light "C" 39°15.3'N 76°13.4'W (48/03 CG5)	7/04			

★14928 21Ed. 11/02 LAST NM 4/03 7/04
 Delete Legend "Priv" from light 41°54'11"N 87°36'28"W
 Change Height of light "A" to 10ft 41°53'46"N 87°36'09"W
 (31/03 CG9; USCG LL)

★14929 24Ed. 2/03 LAST NM 14/03 7/04
 Relocate Light "5" from 41°40'28.0"N 87°26'20.0"W to
 41°40'27.5"N 87°26'19.4"W
 Change Visibility (range) of light to 17 St M 41°43'34.0"N 87°29'36.0"W
 (29/03 CG9)

★14938 23Ed. 9/13/97 LAST NM 1/04 7/04
 Substitute Depth 14 feet for 18 feet 44°15'00.6"N 86°20'42.2"W
 (NOS)

18007 31Ed. 3/31/01 LAST NM 6/04 7/04
 Change Visibility (range) of light to 19M 40°26.4'N 124°24.4'W
 (48/03 CG11)

18008 7Ed. 10/12/96 LAST NM N6/04 N7/04
 Change Visibility (range) of light to 19M 40°26.8'N 124°24.4'W
 (48/03 CG11)

18010 20Ed. 2/10/01 LAST NM 5/04 7/04
 Change Visibility (range) of light to 19M 40°26.4'N 124°24.4'W
 (48/03 CG11)

18020 37Ed. 9/03 LAST NM 4/04 7/04
 Change Visibility (range) of light to 19M 40°26.4'N 124°24.4'W
 (48/03 CG11)

18022 34Ed. 11/03 LAST NM 4/04 7/04
 Add Buoy Y, Fl Y 4s (Priv) 32°32.2'N 117°11.1'W
 (47/03 CG11)

18620 23Ed. 6/1/02 LAST NM 4/04 7/04
 Change Visibility (range) of light to 19M 40°26.4'N 124°24.4'W
 (48/03 CG11)

★18623 11Ed. 8/4/01 LAST NM 4/04 7/04
 Change Visibility (range) of light to 19M 40°26'23"N 124°24'23"W
 (48/03 CG11)

★18703 25Ed. 7/03 LAST NM 40/03 7/04
 (Inset Morro Bay)
 Relocate Beacon "14" from 35°21'44.8"N 120°51'13.1"W to
 35°21'45.3"N 120°51'12.6"W
 Add Light Q(2) Y 35°22'15.4"N 120°51'31.5"W
 (47/03 CG11)

18740 40Ed. 8/03 LAST NM 5/04 7/04
 Add Buoy Y, Fl Y 4s (Priv) 32°32.2'N 117°11.1'W
 (47/03 CG11)

18741 18Ed. 9/9/95 LAST NM N1/04 N7/04
 Add Buoy Y, Fl Y 4s (Priv) 32°32.2'N 117°11.1'W
 (47/03 CG11)

18749 38Ed. 12/1/01 LAST NM 5/04 7/04
 Delete Buoy "2" 33°42'58.1"N 118°16'17.3"W
 Light (articulated) "13" 33°43'01.1"N 118°16'09.3"W
 (47/03 CG11)

★18751 42Ed. 12/1/01 LAST NM 5/04 7/04
 Delete Buoy "2" 33°42'58.0"N 118°16'17.6"W
 Light (articulated) "13" 33°43'01.2"N 118°16'09.3"W
 (47/03 CG11)

18760 6Ed. 9/5/98 LAST NM N1/04 N7/04
 Add Buoy Y, Fl Y 4s (Priv) 32°32.2'N 117°11.1'W
 (47/03 CG11)

★18765 15Ed. 2/16/02 LAST NM 46/03 7/04
 Add Buoy Y, Fl Y 4s (Priv) 32°32'12"N 117°11'06"W
 (47/03 CG11)

18766 7Ed. 11/26/83 LAST NM 36/03 7/04
 Add Buoy Y, Fl Y 4s (Priv) 32°32'12"N 117°11'06"W
 (47/03 CG11)

18768 4Ed. 3/11/95 LAST NM N38/03 N7/04
 Add Buoy Y, Fl Y 4s (Priv) 32°32.2'N 117°11.1'W
 (47/03 CG11)

★19381 8Ed. 7/17/93 LAST NM 26/03 7/04
 Relocate Buoy (mooring) "T" from 22°00'00"N 159°47'24"W to 22°00'20"N 159°47'20"W
 (See 26/03-19381)
 (50/03 CG14)

21140 1Ed. 7/9/88 LAST NM 36/03 7/04
 Add Buoy Y, Fl Y 4s (Priv) 32°32.2'N 117°11.1'W
 (47/03 CG11)

22004 38Ed. 7/5/97 LAST NM 2/04 7/04
 Add Light Fl 9M 5°53.4'S 81°09.0'W
 (12/73)03 Callao)

22008 35Ed. 9/6/97 LAST NM 47/03 7/04
 Add Light Fl 9M 5°53.4'S 81°09.0'W
 Wreck [K29] 8°14.0'S 79°56.0'W
 Wreck [K29] 8°31.0'S 79°58.0'W
 Wreck [K29] 11°35.2'S 78°05.1'W
 (12/73-76)03 Callao)

22120 3Ed. 9/1/01 LAST NM 32/03 7/04
 Add Light Fl 15s 9M 5°53.4'S 81°09.0'W
 (12/73)03 Callao)

22130 2Ed. 6/22/96 LAST NM 2/04 7/04
 Add Wreck [K29] 8°14.0'S 79°56.0'W
 (12/74)03 Callao)

22140 2Ed. 4/20/96 LAST NM 47/03 7/04
 Add Wreck [K29] 8°14.0'S 79°56.0'W
 Wreck [K29] 8°31.0'S 79°58.0'W
 (12/74,75)03 Callao)

22142 2Ed. 2/3/96 LAST NM 47/03 7/04
 Add Buoy BRB, pillar, double ball topmark 9°05'08.0"S 78°35'00.0"W
 [Q130.4]
 (12/77)03 Callao)

22160 2Ed. 5/25/96 LAST NM 25/03 7/04
 Add Wreck [K29] 11°35.2'S 78°05.1'W
 (12/76)03 Callao)

24058 2Ed. 11/20/93 LAST NM 44/03 7/04
 Delete Buoy 34°00'32"S 58°22'42"W
 Buoy 34°02'09"S 58°21'15"W
 Buoy 34°05'44"S 58°19'36"W
 Buoy 34°05'54"S 58°20'28"W
 Buoy 34°07'30"S 58°18'30"W
 Buoy 34°07'52"S 58°19'09"W
 Buoy 34°08'25"S 58°17'48"W
 Buoy 34°08'36"S 58°18'54"W
 Buoy 34°09'00"S 58°17'06"W
 Buoy 34°09'21"S 58°16'18"W
 Buoy 34°09'23"S 58°17'09"W
 Buoy 34°09'35"S 58°14'36"W
 Buoy 34°09'42"S 58°16'17"W
 Buoy 34°09'50"S 58°14'42"W
 Buoy 34°10'36"S 58°13'06"W
 Buoy 34°10'51"S 58°13'16"W
 Buoy 34°11'18"S 58°10'54"W
 Buoy 34°11'24"S 58°10'22"W
 Dangerous Wreck "Onix" 34°11'30"S 58°10'25"W
 Buoy 34°11'40"S 58°10'21"W

(continued on next page)

SECTION I

NM 7/04

24058	(Continued)			24°03.3'S 46°24.1'W
	Buoy	34°11'39"S 58°09'47"W		24°00.5'S 46°22.3'W
	Buoy	34°11'48"S 58°09'17"W		23°58.3'S 46°19.8'W
	Buoy	34°11'49"S 58°09'49"W	(18(115)03 Rio de Janeiro)	
	Buoy	34°11'55"S 58°08'46"W		
	Buoy	34°11'58"S 58°09'17"W		
	Buoy	34°12'03"S 58°08'51"W	24142	43Ed. 3/27/93 LAST NM 6/03 7/04
	Buoy	34°12'05"S 58°08'07"W	Add	Submarine cable [L30.1] joining
	Buoy	34°12'12"S 58°08'15"W		24°03'35.5"S 46°24'24.0"W
	Buoy	34°12'16"S 58°07'18"W		24°03'16.2"S 46°24'07.8"W
	Buoy	34°12'30"S 58°07'24"W		24°00'28.2"S 46°22'16.2"W
				23°58'21.0"S 46°19'53.7"W
Change	Caution No. 3 of CAUTIONS note to "3. The main navigation channels are marked by port and starboard hand buoys. To enhance clarity, many of the channel buoys have been omitted; Full details of buoys are only shown at changes in channel name or significant changes in direction."	33°55'00"S 58°00'00"W	(18(115)03 Rio de Janeiro)	
	Buoy to "Km 127.2" R, pillar, cone topmark, Fl(4) R 12s	34°03'09"S 58°20'11"W	24150	27Ed. 4/25/98 LAST NM 6/04 7/04
	Buoy to G, pillar, can topmark, Fl(4) G 12s	34°03'24"S 58°20'54"W	Add	Submarine cable [L30.1] joining
	Legend "Canal del Infierno" to "Canal del Este"	34°09'30"S 58°15'54"W		23°47.5'S 45°34.7'W
				23°50.1'S 45°36.4'W
				23°52.8'S 45°38.1'W
				23°57.2'S 45°43.0'W
				23°58.9'S 45°45.0'W
Add	Buoy "Km 134.2" BYB, pillar, double cone topmark bases together, Q(3) 10s	34°00'30"S 58°22'12"W	24151	4Ed. 2/9/85 LAST NM 6/04 7/04
	Buoy "Km 133.4" R, pillar, cone topmark, Fl(3) R 9s	34°00'42"S 58°21'35"W	Add	Submarine cable [L30.1] joining
	Buoy "Km 130.2" R, pillar, cone topmark, Fl(2) R 6s	34°02'11"S 58°20'18"W		23°47'26"S 45°34'40"W
	Buoy G, pillar, can topmark, Fl(2) G 6s	34°02'13"S 58°20'36"W		23°47'52"S 45°34'55"W
	Buoy "Km 124.3" R, pillar, cone topmark, Fl(3) R 9s	34°05'18"S 58°19'36"W		23°50'07"S 45°36'25"W
	Buoy G, pillar, can topmark, Fl(3) G 9s	34°05'24"S 58°20'07"W		23°52'47"S 45°38'07"W
	Buoy "Km 122" R, pillar, cone topmark, Fl(2) R 6s	34°06'26"S 58°19'24"W		24°01'32"S 45°48'00"W
	Buoy G, pillar, can topmark, Fl(2) G 6s	34°06'42"S 58°19'49"W		
	Buoy "Km 121" R, pillar, cone topmark, Fl(4) R 12s	34°06'59"S 58°19'00"W	★24500	1Ed. 10/4/03 NEW CHART 7/04
	Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s [Q130.3]	34°07'06"S 58°19'24"W	(NGA)	
	Buoy "Km 118.2" R, pillar, cone topmark, Fl(3) R 9s	34°08'13"S 58°18'10"W	28302	16Ed. 10/10/98 LAST NM 12/03 7/04
	Buoy G, pillar, can topmark, Fl(3) G 9s	34°08'24"S 58°18'18"W	Change	Range light, front to Fl 3s 24m 2M
	Buoy "Km 115.9" R, pillar, cone topmark, Fl(4) R 12s	34°09'00"S 58°17'01"W		19°12'07"N 96°07'33"W
	Buoy G, pillar, can topmark, Fl(4) G 12s	34°09'06"S 58°17'06"W		Range light, rear to Iso 2s 30m 2M
	Buoy "Km 111.4" R, pillar, cone topmark, Fl(4) R 12s	34°09'44"S 58°14'18"W	Add	Light Iso 2s 40m 7M (PA)
	Buoy G, pillar, can topmark, Fl(4) G 12s	34°09'50"S 58°14'24"W		19°12'09"N 96°08'17"W
	Buoy R, pillar, cone topmark, Fl(4) R 12s	34°11'02"S 58°12'06"W	Change	(Plan) Range light, front to Fl 3s 24m 2M
	Buoy "Km 107.3" G, pillar, can topmark, Fl(4) G 12s	34°11'10"S 58°12'11"W		19°12'05.4"N 96°07'33.9"W
	Buoy R, pillar, cone topmark, Fl(3) R 9s	34°11'11"S 58°11'49"W		Range light, rear to Iso 2s 30m 2M
	Buoy "Km 106.8" G, pillar, can topmark, Fl(3) G 9s	34°11'15"S 58°11'49"W		19°12'01.7"N 96°08'09.4"W
	Buoy "Km 104.2" R, pillar, cone topmark, Fl(2) R 6s	34°11'26"S 58°10'05"W	Add	Light Iso 2s 40m 7M (PA)
	Buoy G, pillar, can topmark, Fl(2) G 6s	34°11'33"S 58°10'06"W		19°12'09.2"N 96°08'16.5"W
	Buoy "Km 99.7" R, pillar, cone topmark, Fl(3) R 9s	34°12'18"S 58°07'23"W	28310	2Ed. 10/10/98 LAST NM 39/02 7/04
	Buoy G, pillar, can topmark, Fl(3) G 9s	34°12'24"S 58°07'25"W	Delete	Light
				19°12.0'N 96°08.3'W
				(SCT 8/03 Mexico, D.F.)
(BA CH 3561)			29012	8Ed. 12/7/96 LAST NM 36/98 7/04
			Add	Depth 139 meters enclosed by depth contour (200-meter)
				71°03.5'S 171°10.4'E
			(16(1842)03 Taunton)	
			29015	5Ed. 11/25/95 LAST NM 16/03 7/04
			Add	Depth 139 meters enclosed by depth contour (200-meter)
				71°03.5'S 171°10.4'E
			(16(1842)03 Taunton)	
			29040	3Ed. 9/12/98 LAST NM 48/03 7/04
			Add	Depth 195 meters
				54°29.8'S 38°30.8'W
				Depth 199 meters
				54°40.2'S 38°41.0'W
				Depth 307 meters
				54°43.0'S 38°44.7'W
			(16(1843)03 Taunton)	
			29101	6Ed. 5/31/97 LAST NM 6/01 7/04
			Substitute	Rock awash [K12] for dangerous submerged rock
				62°42.7'S 60°49.5'W
			(16(1778)03 Taunton)	
24140	18Ed. 7/25/98 LAST NM 6/04 7/04		37129	6Ed. 5/31/97 LAST NM 45/03 7/04
Add	Submarine cable [L30.1] joining	23°47.5'S 45°34.7'W	Add	Depth 6 meters Wk [K26]
		23°52.8'S 45°38.1'W		Depth 7.6 meters Wk [K26]
		24°15.6'S 46°04.2'W		
		24°15.8'S 46°04.9'W		
		24°15.9'S 46°18.8'W		
		24°15.8'S 46°19.7'W		
		24°09.6'S 46°25.4'W		
		24°07.3'S 46°26.7'W		
		24°05.9'S 46°26.3'W		

(continued on next page)

37129 (Continued)
 Depth 6.1 meters Wk [K26] 51°12'44.4"N 2°48'54.6"E
 Depth 6.6 meters Wk [K26] 51°15'57.6"N 2°56'10.8"E
 (15(137)03 Oostende)

37150 8Ed. 12/20/97 LAST NM 46/03 7/04
 Substitute Depth 27.5 meters Wk [K26] for 30 meters Wk
 52°05'00"N 3°07'53"E
 Depth 27.5 meters Wk [K26] for 32 meters Wk
 52°06'07"N 3°03'56"E
 Depth 24.5 meters Wk [K26] for 31 meters Wk
 52°10'28"N 3°08'33"E

Add Depth 29.5 meters Wk [K26] 52°06'59"N 3°17'37"E
 (37(492)03 's-Gravenhage)

37162 12Ed. 5/18/96 LAST NM 46/03 7/04
 Add Foul ground symbol [K31] 51°59.4'N 3°55.4'E

Buoy "Measuring mast-N" BY, pillar,
 double cone topmark points upward, Q 52°36.6'N 4°23.2'E

Buoy "Measuring mast-S" YB, pillar,
 double cone topmark points downward,
 Q(6) + L Fl 15s 52°36.1'N 4°23.6'E
 (33(434), 40(513)03 's-Gravenhage)

37164 4Ed. 1/25/97 LAST NM 46/03 7/04
 (Panel B)
 Add Buoy "Measuring mast-N" BY, pillar,
 double cone topmark points upward, Q 52°36'37"N 4°23'11"E

Buoy "Measuring mast-S" YB, pillar,
 double cone topmark points downward,
 Q(6) + L Fl 15s 52°36'08"N 4°23'35"E
 (40(513)03 's-Gravenhage)

37165 2Ed. 2/3/96 LAST NM 5/04 7/04
 Add Depth 38 meters Obstrn [K41] 54°35.6'N 4°32.2'E
 (41(528)03 's-Gravenhage)

37166 2Ed. 7/13/96 LAST NM 51/03 7/04
 Substitute Depth 27.5 meters Wk [K26] for 32 meters Wk
 52°06.1'N 3°03.9'E

Add Foul ground symbol [K31] 51°59.4'N 3°55.4'E
 (33(434), 37(492)03 's-Gravenhage)

37223 14Ed. 9/2/95 LAST NM 43/03 7/04
 Substitute Depth 25 meters Wk [K26] for 26 meters Wk
 53°26.9'N 4°39.2'E

Add Depth 26 meters Obstrn [K41] 53°25.7'N 4°43.8'E
 (37(496)03 's-Gravenhage)

37238 6Ed. 10/17/98 LAST NM 45/03 7/04
 (Plan A)
 Change Light to Fl(2) Y 10s 52°57'39.6"N 4°46'45.0"E
 (35(473)03 's-Gravenhage)

37241 17Ed. 8/2/97 LAST NM 45/03 7/04
 Add Foul ground symbol [K31] 51°59'23"N 3°55'26"E
 (33(434)03 's-Gravenhage)

37244 11Ed. 2/1/97 LAST NM 46/03 7/04
 Substitute Depth 27.5 meters Wk [K26] for 30 meters Wk
 52°05.0'N 3°07.9'E
 Depth 27.5 meters Wk [K26] for 32 meters Wk
 52°06.1'N 3°03.9'E
 Depth 24.5 meters Wk [K26] for 31 meters Wk
 52°10.5'N 3°08.5'E

Add Depth 29.5 meters Wk [K26] 52°07.0'N 3°17.6'E
 Foul ground symbol [K31] 51°59.4'N 3°55.4'E
 Foul ground symbol [K31] 51°45.9'N 3°20.4'E
 (33(434), 37(492), 41(524)03 's-Gravenhage)

37248 18Ed. 2/14/98 LAST NM 45/03 7/04
 Add Depth 6 meters Wk [K26] 51°13'49.2"N 2°52'52.2"E
 Depth 6.6 meters Wk [K26] 51°15'57.6"N 2°56'10.8"E
 (15(137)03 Oostende)

37320 16Ed. 9/6/97 LAST NM 44/03 7/04
 Substitute Depth 65 meters Wk [K30] (unsurveyed) (PD)
 for wreck 47°43'17"N 4°28'10"W
 (37(11)03 Brest)

37380 2Ed. 9/11/93 LAST NM 43/03 7/04
 Substitute Depth 20 meters Wk [K30] (unsurveyed) for
 wreck 46°32.2'N 2°16.6"W
 (33(6)03 Brest)

37400 (INT 1803) 10Ed. 3/12/88 LAST NM 1/04 7/04
 Substitute Depth 20 meters Wk [K30] (unsurveyed)
 for wreck 46°32.2'N 2°16.6"W
 Depth 20 meters Wk [K30] (unsurveyed) (PD)
 for wreck 46°27.0'N 2°10.0"W
 Depth 103 meters Wk [K30] (unsurveyed) (PD)
 for wreck 46°17.0'N 2°55.0"W
 (33(6, 7)03 Brest)

37443 2Ed. 4/12/97 LAST NM 45/03 7/04
 Substitute Depth 65 meters Wk [K30] (unsurveyed) for
 wreck 43°39'03.9"N 1°35'23.0"W
 (33(10)03 Brest)

43106 6Ed. 3/23/96 LAST NM 44/03 7/04
 Change Visibility (range) of light to 7-4M 69°49'48"N 18°39'37"E
 Light to Oc WRG 8s 16m 7-5M 69°53'46"N 18°40'20"E
 Light to Iso WRG 6s 7m 69°52'38"N 18°51'33"E

Add Period 8s to light 69°31'07"N 19°00'35"E
 (BA LL)

43107 1Ed. 10/7/00 LAST NM 18/01 7/04
 Add Period 8s to light 69°31'06.5"N 19°00'35.0"E
 (BA LL)

43120 4Ed. 6/17/95 LAST NM 5/04 7/04
 Change Light to Oc WRG 8s 16m 7-5M 69°53.4'N 18°40.3'E
 (BA LL)

43122 3Ed. 11/2/96 LAST NM 16/99 7/04
 Delete Visibility (range) from light 69°57'07"N 18°43'00"E
 Visibility (range) from light 69°57'47"N 18°50'38"E

Change Light to Oc WRG 8s 16m 7-5M 69°53'46"N 18°40'20"E
 Light to Oc WRG 8s 7m 6-4M 69°58'53"N 18°48'09"E
 (BA LL)

43123 3Ed. 2/15/97 LAST NM 19/99 7/04
 Change Red sector of light to 076°12'-087°18'
 69°36'01"N 17°29'30"E
 Note: Remaining sectors unchanged

Light to Oc WRG 6s 16m 9-7M 69°35'25"N 17°51'09"E
 Visibility (range) of light to 6-4M 69°35'05"N 17°51'48"E
 Visibility (range) of light to 2-1M 69°37'42"N 17°58'43"E
 Characteristic of light to FR 69°36'23"N 18°02'48"E
 Visibility (range) of light to 8-5M 69°38'29"N 18°02'00"E
 Visibility (range) of light to 8-5M 69°39'05"N 17°58'54"E

Sectors of light between 108° and 187° to
 red 108°-117°, green-187° 69°42'33"N 18°14'54"E
 Note: Remaining sectors unchanged

Light to Iso WRG 6s 36m 6-4M with sectors
 red 255°30'-258°30', white-286°, green-325°,
 white-333°, red-344°, green-004°, white-107°,
 red-183°, white-196°, red-209° 69°47'24"N 18°08'21"E

Visibility (range) of light to 6-4M 69°49'13"N 18°28'34"E
 Visibility (range) of light to 7-4M 69°49'48"N 18°39'37"E
 Visibility (range) of light to 8-5M 69°52'22"N 18°28'24"E
 Light to Oc WRG 8s 16m 7-5M 69°53'46"N 18°40'20"E

Add Visibility (range) 4M to light 69°37'43"N 17°54'15"E
 (BA LL)

43124 5Ed. 1/4/97 LAST NM 5/04 7/04
 Change Light to Oc WRG 6s 16m 9-7M 69°35'25"N 17°51'09"E
 Visibility (range) of light to 6-4M 69°35'06"N 17°51'48"E

(continued on next page)

53031 1Ed. 5/2/92 LAST NM 6/04 7/04
 Delete R Bn at light 39°51.9'N 4°18.3'E
 (41(602)03 Cadiz)

53082 13Ed. 8/19/00 LAST NM 40/02 7/04
 Add Depth 3.4 meters Wk [K26] (PD) 43°05'19.4"N 5°54'26.4"E
 (36(14)03 Brest)

54480 8Ed. 9/27/86 LAST NM 21/03 7/04
 Delete Dashed line and legend "BOTAS HARBOR
 LIMIT" between 36°40.5'N 35°39.3'E
 36°34.2'N 35°45.0'E
 Add Dashed line between 36°32.4'N 35°20.4'E
 36°23.9'N 35°28.4'E
 (40(185)02 Istanbul)

54481 8Ed. 5/25/96 LAST NM 43/03 7/04
 Delete Dashed line and legend "BOTAS HARBOR
 LIMIT" between 36°40'32"N 35°39'17"E
 36°34'14"N 35°44'58"E
 Add Dashed line between 36°32'23"N 35°20'23"E
 36°23'56"N 35°28'23"E
 (40(185)02 Istanbul)

55047 8Ed. 9/16/00 LAST NM 6/04 7/04
 Relocate Buoy from 41°01'23.0"N 29°00'14.5"E to
 41°01'23.0"N 29°00'16.3"E
 (49(220)02 Istanbul)

★62584 2Ed. 10/17/98 LAST NM 45/99 7/04
 Add Chartlet A, depicting changes in hydrography,
 topography and aids to navigation, from
 Subsection I-2 28°51'48.0"N 48°17'00.0"E
 Chartlet B, depicting changes in hydrography,
 topography and aids to navigation, from
 Subsection I-2 28°51'48.0"N 48°17'48.0"E
 (NTM0004/2004)

★81054 14Ed. 10/03 LAST NM 52/03 7/04
 Add Position circle "Tr" [E20] 13°26'45"N 144°40'09"E
 (NTM0002/2004)

93721 5Ed. 6/5/99 LAST NM 4/04 7/04
 Change Visibility (range) of light to 2M 22°28'32"N 113°54'39"E
 Visibility (range) of light to 3M 22°28'45"N 113°54'48"E
 (See 9/02-93721)
 (40(862)03 Tianjin)

94282 9Ed. 6/6/98 LAST NM 8/03 7/04
 Change Designation of buoy "51" to "501" 35°53'12"N 120°18'44"E
 Designation of buoy "53" to "503" 35°54'54"N 120°19'59"E
 Designation of buoy "55" to "505" 35°56'36"N 120°21'12"E
 Designation of buoy "56" to "506" 35°57'26"N 120°21'47"E
 Designation of buoy "57" to "507" 35°58'08"N 120°20'24"E
 Designation of buoy "58" to "508" 35°58'24"N 120°21'24"E
 Designation of buoy "59" to "509" 35°59'18"N 120°20'56"E
 Designation of buoy "60" to "510" 35°59'47"N 120°20'08"E
 Designation of buoy "61" to "511" 36°00'00"N 120°20'28"E
 Light to Fl(2) 5s 18m 15M Racon 35°59'27"N 120°19'40"E
 Add Buoy BRB, pillar, double ball topmark, Fl(2) 5s
 35°59'51"N 120°24'16"E
 (17(311), 18(327), 30(618)03 Tianjin)

94283 7Ed. 5/25/96 LAST NM 32/03 7/04
 Delete Buoy "3" 36°01'31.8"N 120°15'21.0"E
 Beacon "34" 36°02'01.5"N 120°14'38.4"E
 Beacon "41" 36°01'45.0"N 120°14'27.6"E

Relocate Buoy "402" from
 36°00'20.6"N 120°15'28.5"E to
 36°00'29.2"N 120°15'20.3"E
 and change characteristic to Fl R 4s

Buoy "403" from
 35°59'43.8"N 120°15'04.8"E to
 35°59'42.6"N 120°14'58.4"E
 (See 20/01-94283)

Change Designation of buoy "1" to "101" 36°01'58.5"N 120°20'19.8"E
 Designation of buoy "2" to "102" 36°01'27.8"N 120°16'29.5"E
 Designation of buoy "6" to "105" 36°04'30.6"N 120°16'34.8"E
 Designation of buoy "7" to "106" 36°04'42.0"N 120°17'08.5"E
 Designation of buoy "8" to "107" 36°05'06.6"N 120°16'56.1"E
 Designation of buoy "9" to "108" 36°05'02.1"N 120°17'41.3"E
 Designation of buoy "20" to "200" 36°03'37.8"N 120°14'48.6"E
 Designation of buoy "21" to "201" 36°03'28.5"N 120°14'27.0"E
 Designation of buoy "22" to "202" 36°03'48.9"N 120°14'12.6"E
 Designation of buoy "23" to "203" 36°03'59.4"N 120°14'03.0"E
 Designation of buoy "24" to "204" 36°04'12.3"N 120°13'36.6"E
 Designation of buoy "25" to "205" 36°04'29.4"N 120°13'23.4"E
 Designation of buoy "26" to "206" 36°04'36.3"N 120°13'12.0"E
 Designation of buoy "27" to "207" 36°04'22.2"N 120°14'54.9"E
 Designation of buoy "28" to "208" 36°03'56.4"N 120°14'34.8"E
 Designation of buoy "32" to "302" 36°02'03.4"N 120°14'53.2"E
 Designation of buoy "33" to "303" 36°01'33.0"N 120°14'33.0"E
 Designation of buoy "35" to "305" 36°01'23.2"N 120°13'59.4"E
 Designation of buoy "37" to "307" 36°01'17.1"N 120°13'47.6"E
 Designation of buoy "39" to "309" 36°01'05.3"N 120°13'30.3"E
 Designation of buoy "43" to "310" 36°00'33.6"N 120°13'01.3"E
 Designation of buoy "59" to "509" 35°59'19.0"N 120°20'55.2"E
 Designation of buoy "60" to "510" 35°59'46.8"N 120°20'06.0"E
 Designation of buoy "61" to "511" 36°00'00.6"N 120°20'25.8"E
 Designation of buoy "62" to "512" 36°00'45.6"N 120°18'34.8"E
 Characteristic of buoy "406" to Fl(3) R 10s
 35°59'00.9"N 120°14'55.3"E
 Light to Fl(2) 5s 18m 15M Racon 35°59'27.1"N 120°19'39.8"E
 (See 12, 20, 32/03-94283)

Add Buoy BRB, pillar, double ball topmark,
 Fl(2) 5s 35°59'51.0"N 120°24'15.9"E
 Buoy "304" G, pillar, cone topmark,
 Fl G 4s 36°02'01.5"N 120°14'38.4"E
 Buoy "321" R, pillar, can topmark,
 Fl(2+1) R 6s 36°01'45.0"N 120°14'27.6"E
 Buoy "103" BY, pillar, double cone topmark
 points upward, Q 36°01'37.8"N 120°15'21.0"E
 Designation "109" to buoy 36°05'07.2"N 120°18'09.0"E
 (See 40/96-94283)
 (17(311), 18(326, 327, 337), 21(394), 30(618), 43(911),
 44(963)03 Tianjin)

94290 2Ed. 9/2/95 LAST NM 31/03 7/04
 Change Light to Fl(2) 5s 18m 15M Racon 35°59.5'N 120°19.7'E
 (30(618)03 Tianjin)

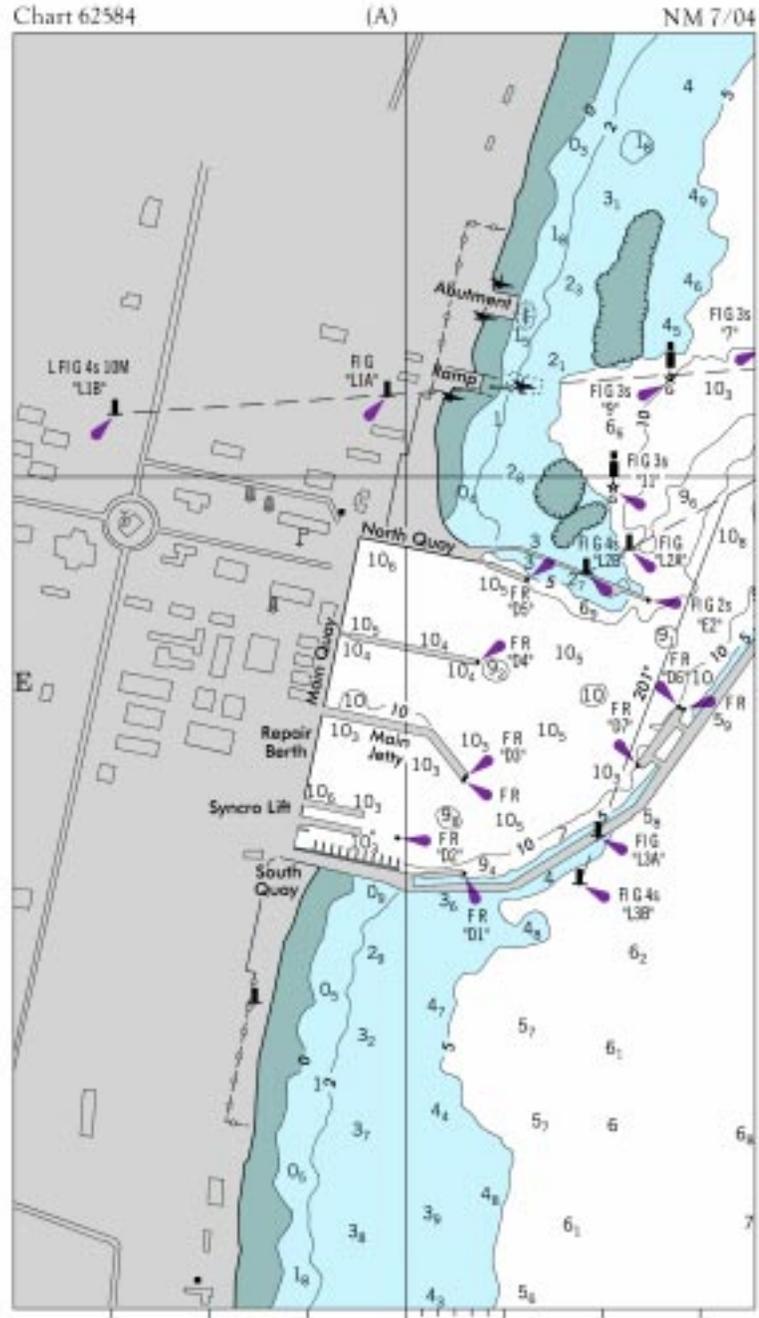
96044 10Ed. 7/3/93 LAST NM 2/04 7/04
 Delete Depth 9.3 meters 42°48'18.6"N 132°54'11.0"E

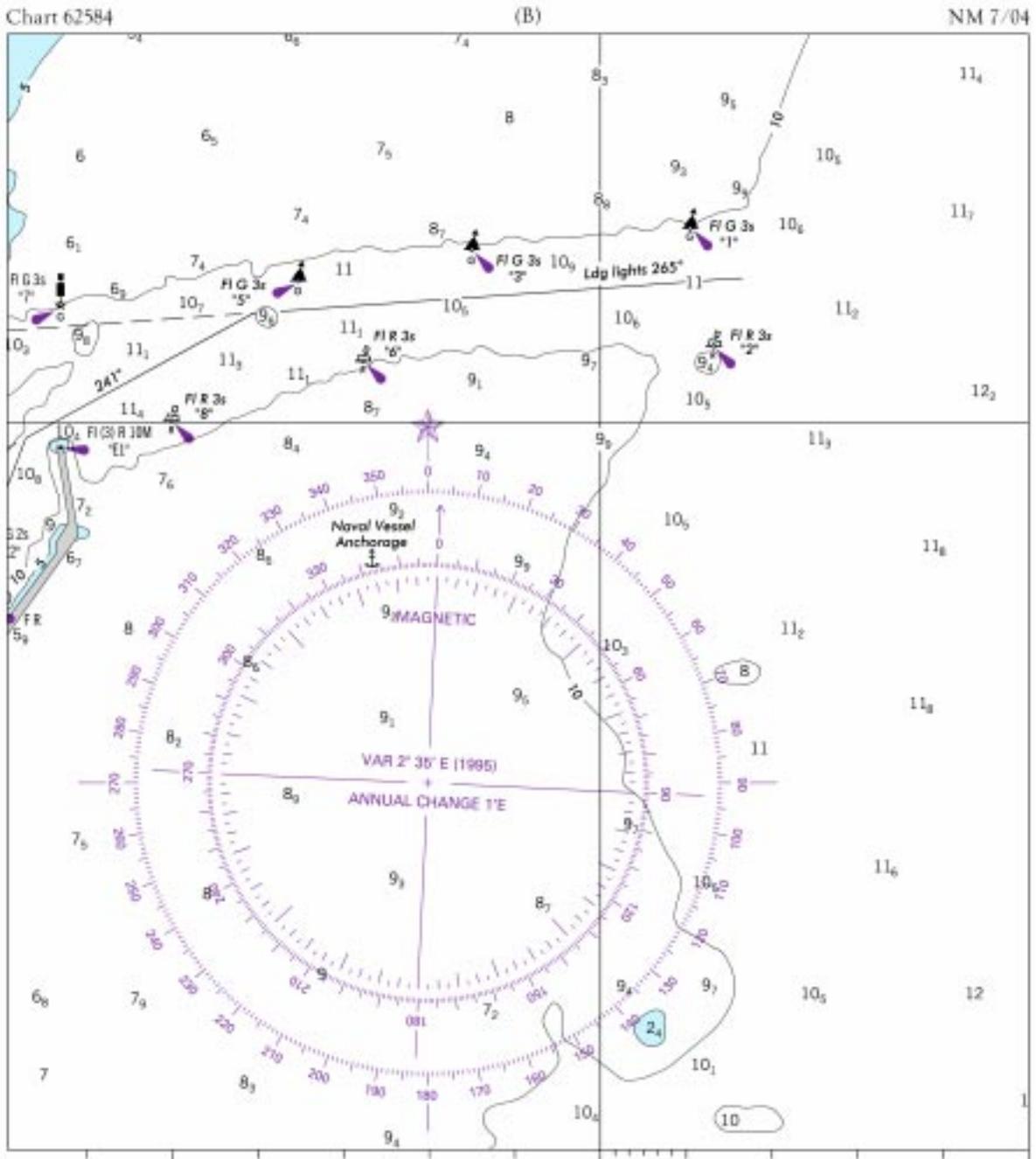
(continued on next page)

SECTION I

NM 7/04

96044	(Continued)				
	Depth 6 meters	42°48'50.1"N	132°53'27.6"E		
Add	Depth 9.1 meters Obstr [K41]	42°48'34.5"N	132°54'15.5"E		
	Depth 10.6 meters	42°48'26.4"N	132°54'14.9"E		
	Dashed line (wharf) with legend "Under construction" [F32] joining	42°48'44.5"N	132°53'23.1"E		
		42°48'43.7"N	132°53'25.5"E		
		42°48'49.9"N	132°53'29.0"E		
	Depth 8.1 meters	42°48'27.7"N	132°53'13.2"E		
	Depth 7.8 meters	42°48'19.4"N	132°53'08.3"E		
	Depth 7 meters	42°48'17.9"N	132°53'03.3"E		
	Depth 3.5 meters enclosed by depth contour (5-meter)	42°48'24.7"N	132°52'49.3"E		
	Depth 3.8 meters enclosed by depth contour (5-meter)	42°48'30.6"N	132°52'38.3"E		
	(23(3635)03 St. Petersburg)				
97181	20Ed. 3/26/94	LAST NM 1/04		7/04	
Delete	Light	34°47'38"N	137°11'24"E		
	(50(1844)03 Tokyo)				
97188	3Ed. 9/20/03	LAST NM 50/03		7/04	
Delete	Light	34°47'38"N	137°11'24"E		
	(50(1844)03 Tokyo)				
97221	20Ed. 1/17/98	LAST NM 6/04		7/04	
Change	Visibility (range) of beacon to 7M	34°25'18"N	134°07'49"E		
	(50(1845)03 Tokyo)				
97228	15Ed. 1/24/98	LAST NM 52/03		7/04	
Delete	Tank symbol and legend "Tank"	34°40'14.0"N	135°25'18.0"E		
	Tank symbols (4) and legend "Tanks (Sphere)" in vicinity	34°40'17.0"N	135°25'20.0"E		
	Tank symbol (See 19/00-97228)	34°40'14.0"N	135°25'30.0"E		
	(20(748)03 Tokyo)				
★97232	9Ed. 10/25/03	NEW EDITION		7/04	
	(NGA)				
97233	11Ed. 11/27/93	LAST NM 2/04		7/04	
Change	Visibility (range) of beacon to 7M	34°25'07"N	134°08'00"E		
	(50(1845)03 Tokyo)				
97234	17Ed. 12/26/98	LAST NM 41/03		7/04	
Change	Visibility (range) of beacon to 7M	34°25'18.0"N	134°07'49.0"E		
	(50(1845)03 Tokyo)				
97266	5Ed. 7/5/97	LAST NM 2/04		7/04	
Change	Light to Fl R 7M	34°21'37"N	132°24'08"E		
	Characteristic of buoy "1" to Iso 4s	34°00'57"N	132°29'11"E		
	Characteristic of buoy "2" to Iso 4s	34°08'18"N	132°21'51"E		
	(20(749), 50(1847)03 Tokyo)				
97267	16Ed. 2/21/98	LAST NM 42/03		7/04	
Change	Light to Fl R 5s 12m 7M	34°21'37"N	132°24'08"E		
	Characteristic of buoy "No 1" to Iso 4s	34°00'57"N	132°29'11"E		
	Characteristic of buoy "No 2" to Iso 4s	34°08'18"N	132°21'51"E		
	(20(749), 50(1847)03 Tokyo)				
97269	11Ed. 1/31/98	LAST NM 27/03		7/04	
	(Panel A)				
Change	Light to Fl R 5s 12m 7M	34°21'36.5"N	132°24'08.0"E		
	(20(749)03 Tokyo)				
97270	6Ed. 2/17/96	LAST NM 5/03		7/04	
Change	Characteristic of buoy "2" to Iso 4s	34°08'18.0"N	132°21'51.0"E		
	(50(1847)03 Tokyo)				
97274	19Ed. 6/27/98	LAST NM 52/03		7/04	
Add	Depth 9.9 meters, blue tint and enclosing depth contour (10-meter)	33°59'12"N	131°00'47"E		
	Depth 11.6 meters	33°59'14"N	131°01'05"E		
	(50(1860)03 Tokyo)				
97285	6Ed. 7/26/97	LAST NM 36/03		7/04	
Add	Depth 9.9 meters, blue tint and enclosing depth contour (10-meter)	33°59'11.8"N	131°00'46.5"E		
	Depth 11.6 meters	33°59'14.4"N	131°01'04.8"E		
	Depth 11.8 meters	33°59'16.6"N	131°01'09.5"E		
	(50(1860)03 Tokyo)				
97390	5Ed. 8/9/97	LAST NM 36/03		7/04	
Change	Light to Fl R 3s 11m 3M	32°35'23"N	129°45'20"E		
	(20(751)03 Tokyo)				





SECTION I

NM 7/04

Chart 14835

NM 7/04

ERIE HARBOR CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORTS TO JUN 2002 AND SURVEYS TO JUN 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH LWD (FEET)
ENTRANCE CHANNEL	24.6	24.8	20.5A	6-03	220-500	2.04	29
A. SHOALING TO 12.8 FEET IN OUTSIDE 25 FEET OF QUARTER FROM 42°09'23.7"N 080°04'11.4"W TO 42°09'21.8"N 080°04'14.0"W							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 7/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	45/02	11004	7	37,39,40,42,43,45,47, 51/02;5,6,7,8,9,14,18,21, 22,23,24,25,26,27,29,30, 32,34,36,37,38,44,51/03; 1,3,4,5,6/04	11359	11	39/02;49,50/03	11451	31	20*,22,25/03
20	3	18/03	11006	31	47*,49,50/03;3,5,6/04	11360	40	1*,2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37,38, 49,50,51,52/03;1,2,3,5, 7/04	11453	16	7/03
21	4	4/04	11009	36	35,44,51/02;6,12,19,39, 52/03;5/04	11361	70	21*,23,24,25,26,30,31, 35,51,52/03;1,3,4,6/04	11460	38	36*,50/02;6,13,15,21,23, 25,31,34,39,40,52/03
22	1	18/03;4/04	11013	45	38*,40,50,52/03	11362	4	N33,N36,N39,N40, N47/02;N2,N5,N6,N8, N19,N23,N24,N25,N26, N27,N29,N30,N34,N35, N37,N38,N49,N50,N51, N52/03;N1,N2,N3,N5, N7/04	11461	5	7,15,25,39,52/03
50	6	32*,34,40,50/03	11300	39	28*,30,31,32,34,35,36, 44,45,50,51/03;5,6,7/04	11363	39	47*,50,51/03;1,4,5,6/04	11462	24	22,25/03
53	2	34,50/03	11302	23	37/02;16,24,32/03;1,7/04	11364	39	3*,4,5,8,9,18,19,21,23, 25,26,27,30,33,34,35,43, 50,51/03;1,4,6/04	11463	17	24/03*
70	4	7,34/03	11304	30	48/03*;1,7/04	11365	17	52/02*;9,32,34,50/03;3, 6/7/04	11464	16	7,25/03
71	4	7,34/03	11305	1	N36,N46/02;N1,N6,N7, N32/03;N1/04	11366	8	52/03*;1,3,5,7/04	11465	36	52/02*;22,40/03
72	4	7/03	11307	36	22,24,27,35,52/03;1/04	11367	32	38*,45,46,51/03	11466	36	30*,31,40/03
73	4	34/03	11308	22	3*,7,10,23,25,32/03	11368	22	38/02*;19,21,23,30,33, 34,35,45,46,51,52/03; 1,6/04	11467	38	5/04
101	3	48/02	11311	23	46/02;26/03;1/04	11369	44	9*,18,19,21,27,43,50/03; 1,6/04	11468	39	42*,43,49/02;40/03
103	5	16/03	11312	3	36,46/02;1,6,7,22,23, 32/03;1/04	11370	24	38/03*;4/04	11469	5	35,50/02;7,9,12,21,23,31, 40/03
108	9	35/02;34,39/03	11313	22	22,27,36,52/03;4/04	11371	36	35*,48/03;4,6/04	11470	36	10*,12,40/03
120	6	39/03	11314	22	17*,21,22,32/03	11372	30	2*,7,8,10,19,23,24,26,27, 31,42,44/03;4,7/04	11471	31	8*,25,40/03
124	10	18,34,39/03	11315	31	48/03*	11373	43	48*,49/03;1,3,4,5,7/04	11472	10	6,17,52/03
125	7	21/03	11316	39	17*,22,26,29,34/03;1/04	11374	32	2*,7/04	11473	16	51/02;13/03
126	39	21/03	11317	29	37,40,49/02;16,19,20,21, 23,26,29,30,34/03;1/04	11375	35	1*,2,5,7,9,20,23,24,27, 29,47,51/03;1,7/04	11474	19	6,34/03
145	16	39/03	11318	1	N46/02;N22,N23, N32/03;N1/04	11376	49	48*,49/03;5,7/04	11475	20	32*,50,52/03
200	3	37/03	11319	31	17*,19,20,25,26,29,30, 34/03	11377	5	38*,44/03;7/04	11476	4	N35,N50/02;N6,N23, N25,N31,N34,N40, N52/03
204	4	4/04	11322	28	19*,20,23,30,34,35,42, 47/03;1,7/04	11378	32	11*,12,18,20,21,22,24, 26,30,38,52/03;7/04	11477	19	6,34/03
211	5	4/04	11323	60	47*,49,51/03;1,3,5,6/04	11382	39	46/02*;9,25,26,37,52/03	11478	32	52/03
301	1	14,21,24/03	11324	33	47*,49,52/03;1/04	11383	50	52/03*	11479	20	N35,N50/02;N6,N23, N25,N31,N34,N40, N52/03
302	1	2/03	11325	35	26*,38,42,47/03;1/04	11384	34	2/04*	11480	38	30/03*
310	20	2,14,21,24,52/03;6/04	11326	31	7*,9,16,20,21,22,23,24, 30,31,33,35,38,45,46, 52/03;1,2,4,6,7/04	11385	25	49/03	11481	4	42*,49/02;6,12,13,19,28, 34,50,52/03
400	3	33,35,45/02;29,33,34/03; 6/04	11327	31	46*,52/03;1/04	11386	16	24,34/03	11482	21	34/03
401	5	33,35,45/02;14,29,33,34, 44/03;6/04	11328	23	43*,52/03;1,2,4,6,7/04	11387	32	33,37/02;2,7,32,42, 51/03;2,7/04	11483	33	22/03*
411	49	19*,22,23,24,25,26,29, 30,31,33,44,52/03;1,5, 6/04	11329	35	48*,49,52/03;2,6,7/04	11388	16	24,34/03	11484	15	36/03*
500	8	32*,34,41/03	11330	15	50*,51/03;1,2,4,5,6,7/04	11389	32	33,37/02;7,21,30,32, 50,51/03;2,3,7/04	11485	24	17,50/03
501	12	9*,10,18,21,22,24,40, 41/03;4,6/04	11331	18	8,19,23,30,34/03;4/04	11391	23	2*,3,7/04	11486	34	8*,12,20,22,31,50,52/03
502	2	52/02;40,44/03	11332	28	42*,43,49,51/02;6,17,19, 20,23,25,31,34,35,37,47, 52/03;1,2,4,5,6/04	11392	6	34/02;21,32,50/03;3/04	11487	17	50/03
503	4	1/04	11333	1	N35/03	11393	20	30,35,42/03	11488	15	12,22/03
507	2	45/02	11340	68	37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7/04	11400	34	39/02;4,9,11,12,13/03	11489	34	8*,12,20,22,31,50,52/03
508	2	45/02	11341	39	14*,17,21,22,23,25,31, 34,37,38,47,52/03;1,2,3, 4,5,6/04	11401	29	27/03	11490	17	50/03
510	3	40/03	11342	52	27*,29,31,34,35,42,46, 47/03;1,6/04	11402	21	30*,34/03	11491	33	34,37,38/02;12,30,34,50, 52/03
513	6	38/02;34,50/03	11343	37	48*,49,50/03;4/04	11404	21	50/02;9,19,27,49/03	11493	9	N39/02;N12,N20,N22, N31/03
520	127	38/02;34,40,41/03;4/04	11344	35	9*,19,22,23,26,27,29,31, 34,38,43,46,47/03;4,5/04	11405	29	38/03*	11494	8	N39/02;N22/03
521	11	34,50/03	11345	31	9*,38/03;4/04	11406	11	9/03	11496	9	N35/02;N1,N17,N19, N34/03;N5/04
523	8	34,50/03	11347	33	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 31,32,43,47,48,50,51/03; 4/04	11408	28	3/03*	11502	28	14,17,20,22,50,52/03
524	12	47/02;34/03	11348	20	43*,47,51/03;4/04	11409	28	32/03*	11503	40	2/04*
525	3	40/03	11349	40	38*,42,51/02;23,26,27, 31,36,52/03;6/04	11411	14	43*,45/02;7,20/03	11504	15	12,22/03
526	10	47/02;6/03	11350	25	43/03*	11412	41	42*,45/02;1,6,7,11,12,13, 14,20/03	11505	1	34,40,49/02;1,4,5,11,22, 34,43,51/03
530	30	37,38,40,52/02;6,10,18, 21,22,24,34,40,41,44, 50/03;4,7/04	11351	38	20*,22,23,25,27,30,31, 34,48,50,51,52/03;1,3, 5/04	11415	5	42*,45/02;1,2,7,14,20/03	11506	40	10*,19,22,28,34,43,51, 52/03
531	21	47,52/02;21,24,32,34, 41/03;6/04	11352	36	3*,7,8,9,20,22,24,26,31, 34,48,51/03;1,3,6,7/04	11416	5	42,48/02;1,2,6,11,12,14, 20,50/03	11507	31	9*,12,20/03
532	17	38/02;34,50/03	11353	2	35,38,43,45,49/02;4,5,7, 18,20,21,26,27,31,34,43, 45/03;1,5,6/04	11420	27	20*,21,22,25,52/03	11508	21	10/03*
540	16	51/02;16,30/03	11354	24	26*,31,34,48,51/03;1/04	11423	7	N39,N42/02;N4,N8,N15, N21,N22,N25,N52/03	11509	27	1,11,24/03
541	2	6/03	11355	25	38/03*	11424	18	14,25/03	11510	18	34/02
550	7	45/02;6/03	11356	35	38*,51,52/03;3,4,6/04	11425	34	46*,49/02;4,25,52/03	11511	16	11/03
600	5	45/03	11357	36	38*,52/03;2,3,5/04	11426	36	38*,52/03	11512	59	10*,11,15,20,22,24,34, 43,51/03
601	4	6,8,27,38/03	11358	52	41*,49,50,51/03;2,3,5,6, 7/04	11427	33	2/03*	11513	23	49/02;1,24,50/03
602	6	47/02;6,38/03				11428	32	52/02*;6/03	11514	26	37*,40,49/02;4,5,15,22, 24,34,43,51/03
603	6	47/02;10/03				11429	21	47/02*	11516	30	43*,50/03
604	5	38/03				11430	25	17/03*	11517	17	24/03
605	4	6/03				11431	25	41/03*	11518	33	14*,19,28,50/03
606	1	17/03				11432	13	N8,N15,N21,N22,N39, N52/03	11519	12	28/03*
607	1	17,45/03				11433	15	N8,N15,N21,N22,N39, N52/03	11520	41	38*,39,50/03;1,2,5,7/04
622	9	47/02;6/03				11434	23	41/03*	11521	26	35/02;9,19,24,28,34, 39/03
623	9	47/02;19,36/03				11435	13	N8,N15,N21,N22,N39, N52/03	11522	19	39/03
624	3	7/04				11438	11	7,8,21/03	11523	21	35,52/02;5,9,19,24,28, 34/03
632	8	45/02				11439	25	6,7,15,22/03	11524	46	8*,11,12,13,15,17,19,20, 22,28,34,43/03
702	5	7/03				11441	39	36/02;6,7,15,20,52/03	11525	6	N39,N40,N44,N46, N51/02;N4,N6,N8,N24, N39,N50/03;N1,N2,N5, N7/04
703	4	46/02;7,44/03				11442	34	38*,39,52/03	11526	10	20/03*
705	3	46,52/02				11443	30	7,15,39/03	11527	16	37/02;20/03
706	4	44/03				11444	30	36/02;7,15,20,52/03	11528	20	37/02;39,43,50/03
707	2	34,44/03				11447	35	38/02*;20,52/03	11529	12	17*,36,45,50/03
708	3	34,36/03				11448	14	7/03	11535	12	46/02;39/03
709	2	50/02;19,25/03				11449	16	7/03	11536	16	38/03*;2,5/04
1113A		20*,21,22,25,52/03				11450	8	15,22,25,39/03	11537	34	21*,23,26,35,36,43,45, 47/03;2,6/04
1114A		39/02;4,9,11,12,13/03							11538	18	39,44,51/02;6/03
1115A		1*,2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37,38, 49,50,51,52/03;1,2,3,5, 7/04							11541	34	51/03*
1116A		37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7/04							11542	15	39/02
1117A		28*,30,31,32,34,35,36, 44,45,50,51/03;5,6,7/04							11543	22	39/02;8,38/03;1/04
5161	13										

CHARTS AFFECTED BY NOTICE TO MARINERS
 NM 33/02 THROUGH NM 7/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
11545	60	45*,47/02:6,8,14,22,23,24,35,38,39,43,49/03;1/04	12333	33	44*,49/03	13270	60	50/03*	14174		N42/03*
			12334	66	30*,34,36/03	13272	47	40/02:8,25,35/03	14175		N43/03*
11547	35	37,47/02:6,8,14,22,23,35,38,39,43,49/03;1/04	12335	40	47/03*	13274	25	43/03*:6/04	14176		N38/03*
			12337	22	45/02:13,18/03	13275	28	45/03*	14177		N40/03*
11548	38	47/02*:7/04	12338	9	21/03*	13276	22	36/03*	14178		N40/03*:N5,N6/04
11550	28	17/03*:7/04	12339	44	50/03*	13278	25	1,9,32,39/03	14180	38	42/03**
11553	28	8/03*	12341	26	36/03*	13279	30	20*,32,39/03	14181	3	43/03**
11555	38	36/02*:7,24,50/03;1,2,7/04	12343	18	37/02*:7,21,27/03	13282	11	21*,39/03	14183	15	38/03**
			12345	10	42/02*:21/03	13283	18	1,9/03;4,6/04	14184		N32,N44,N47,N49/03
12200	47	38*,42,52/02;7,12,18/03;6/04	12347	29	27,29,35/03	13285	10	20/03;4/04	14185	2	40/03**
			12348	33	27,29,34/03	13286	29	39*,40,50/02;1,9/03	14186	2	40/03**
12201	25	N42,N52/02:N7,N12,N18,N24,N32/03;N1,N2,N6,N7/04	12350	57	39*,49/02;29/03	13288	40	36,43,50,51/02;29,42,44,45/03	14187	2	38/03**
			12352	30	46/03*				14188	1	42/03
12204	35	10*,33/03;5/04	12353	17	39/03	13290	35	39*,42,44,49/03	14189	2	36,42,44/03;4,6/04
12205	28	43*,50/03;5/04	12354	40	38/03*:2/04	13292	36	36,40/02;7,16,29,42,44,49/03	14190	2	37,42/03
12206	30	50/03*:2/04	12358	19	46*,49/02;1,7,10/03				14191		N38/03**
12207	20	50,52/02;18,50/03	12362	16	49/02	13293	33	43,51/02;14,27/03	14192		N38/03**
12208	9	23*,28,41,50/03	12363	39	44/02:6,23,27,32,36/03	13295	11	2*,14/03	14193		N38/03**
12210	36	8*,33/03	12364	34	20*,23,25,27,32,36,39/03	13296	25	43/02:27/03	14195		N42/03*
12211	41	10/03*	12365	26	6,23/03	13298	10	43,52/02	14196		N38/03**
12214	44	14*,19,52/03;2/04	12366	27	51/02:20,27/03	13301	20	33,51/02:23,42,45/03	14197		N38/03**
12216	27	47/02*:19/03	12368	26	42/02*:24,25/03	13302	21	41/02:2,7,9,32,42,45,52/03	14198		N43/03**
12217	75	48*,50/03;2/04	12369	25	44/02:32,35,36,43/03				14200	2	38/03**
12221	45	6*,7/04	12370	18	39/02*	13303	12	48/02*:7,9/03	14201	15	38/03**
12222	23	8*,33,45/03	12371	23	27*,52/03	13305	28	40,41,49/02:2,7,9,36,44/03	14203	12	42/03**
12224	54	22*,33/03	12372	31	45*,47,48/02:2,5,6,23,25,36,45,49,52/03;2/04				14204	21	38/03**
12225	16	7/03	12373	14	2/03	13307	10	23,28,44/03	14205	7	38/03**
12228	29	43/02*	12377	14	37/02	13308	11	40/02	14206	20	43/03**
12230	61	3/04*	12378	14	2,13,23/03	13309	28	42/02*:9,32,52/03	14208	28	38/03**
12231	26	35,46/02:7,30/03	12401	7	47/02:2,13,33,41/03	13312	21	10/03*	14209		N38/03**
12233	35	3*,4,5,6,14,34,45/03	12402	8	33,47/02:13,34,41/03	13313	19	41,49,52/02:6,9,36/03	14211		N40/03*
12235	29	47/02:4,6,7,17,33/03	13000		N48,N49/02:N21,N26,N29/03	13315	11	49/02	14212		N38/03**
12237	27	48/03*	13003	47	36*,39,44,45,48,52/03;6/04	13316	22	28/03*	14213		N39/03*:N5/04
12238	38	6/04*	13006	31	36*,39,44,45,48/03;6/04	13318	18	38*,41,52/02:5,6,21/03	14214		N39/03**
12241	21	34,44/02:7,34/03;2/04	13009	30	42*,48,49/02:1,9,18,23,36,39,44,45,48/03;6/04	13321	9	20/03*	14215		N39/03**
12245	62	30*,33,34,49/03;4,7/04	13200	33	37,48/02:7,9,18,36,39,44,45,48/03;6/04	13323	7	5/03	14216		N39*,N44/03;N5/04
12248	40	44/03*:4/04	13201	10	N37,N48/02:N9,N18,N36,N39,N44,N45,N48/03;N6/04	13324	14	5/04*	14217		N43/03*
12251	23	35/02:4,6,7,15,26/03	13202	12	37/02:48/03	13325	14	2,29/03;7/04	14218		N39/03*:N6/04
12252	43	35/03*:2/04	13203	12	44/03;6/04	13326	12	41,43/02:7/04	14219		N40/03*:N6/04
12254	43	38*,43,44/02:30,34/03;2/04	13205	36	37,42,45,48/02:1,5,23/03;2/04	13392	2	6/03	14220		N39/03**
			13209	23	37/02:23/03;2/04	13394	3	39/02*:9,21,42/03	14221	26	40,46/02
12255	15	44/02:30,34/03	13211	13	47/02:45/03	13396	4	9,19,21/03	14222	16	40/03**
12256	14	48/03*:2/04	13212	35	9*,13,36/03;2/04	13398	3	36/02	14223	18	38/03**
12261	28	37*,44/02:7,18,22,48/03	13213	40	14*,25,36/03	14002	57	32,34,36,37,42,49/03	14224		N39/03**
12263	52	35*,42,44/03	13215	27	34*,45,48/02:5/03;2/04	14003	6	48,49/02:5,9,12,29,39,48/03;6/04	14225	17	39/03**
12264	28	38/02*:7,42,44,48,52/03	13216	1	N48/02:N2/04	14007			14226	32	39/03**
12266	27	20,30/03	13217	14	6/04	14008	76	38/03**	14227	28	39/03**
12270	32	9*,18,24,25,33,42/03	13218	38	42,45,51/02:5,46,50,52/03	14010	5	35/02:26,32/03	14228	11	39/03**
12272	29	36,45/02:13,16,30,33,38/03;7/04	13221	53	44,51/02:2,5,7,27,46,49/03	14015			14229		N39/03*:N5/04
12273	54	47/03*:7/04	13223	36	52/02:2,46/03	14018	82	1/04	14240	6	43/03**
12274	33	37*,50/02:5,15,17,30,33/03	13224	36	44/02:5,27/03	14024	5	33,36,39/02;12,22,36,47/03	14241	23	39/03**
			13225	13	7,49/03	14040	65	40/02:34,49/03	14242	13	40/03**
12277	32	35*,51/03	13228	11	51,52/02	14041	12	34,36,42/03	14243	8	39/03**
12278	72	36,45/02:19,25,30,33,38/03;7/04	13229	27	39,42,45,52/02:1,7,19,48,50,52/03;1,4/04	14042	3	34,42/03	14244	5	39/03**
			13230	46	2*,7,19,50,52/03;1/04	14043	7	21,26,49/03	14245	4	39/03**
12280	4	52/03*:2,7/04	13232	4	39,42/02	14044	44	6,47,49/03;1/04	14246	6	39/03**
12281	49	12,19,25,38,44,48,49/03;1/04	13233	16	10,39/03;4/04	14046	2	47,49/03	14247		N39/03*:N5,N6/04
			13235	5	48/03;4/04	14061	27	6,9/03	14248		N40/03**
12282	34	43/03*	13236	29	45/02:1,7,19,50/03;1/04	14062	17	32,36/03;1,5/04	14249		N39/03*:N5/04
12283	24	8,18,25/03	13237	39	27*,39/03	14066	19	6,34,42,47/03;5/04	14250		N40/03**
12284	15	7,42,48/03	13241	15	34,42/02	14067	11	6/03	14251		N40/03**
12285	35	11*,14,19,22,34,36,45/03	13244	39	48/02:7,32/03	14081	21	36,47/03;2/04	14252		N40/03**
12286	29	2*,4,6,42,52/03	13246	37	36*,42/03	14083	30	33/02	14253		N40/03**
12289	48	10*,19,22/03	13249	12	22/03*	14085	6	49/03	14254		N40/03**
12300	43	19*,39,44,48,49/03;6/04	13253	18	3*,8/03	14087	58	33/02	14259	3	40/03**
12301	21	N37,N39,N42,N45/02;N5,N17,N39,N44,N48,N49/03;N6/04	13260	39	36*,39,42,45/03	14088	10	41/02*:34/03;5/04	14260	47	39/03**
			13263	7	N36,N43,N48,N49/02;N1,N7,N9,N18,NP21,N23,N26,N29,N36,N39,N42,N45/03	14089	29	41/02*:34/03	14263	15	40/03**
12304	43	21*,26,48,52/03;2,5/04				14090	2	33/02	14264	4	40/03**
12311	42	38*,48,51/03;1/04	13264	103	36,49/02:9,P21,26,29,39,42,49/03;5/04	14101	6	41/02*	14280	37	40/03**
12312	52	10*,15,24,32,51/03;1/04				14105	19	47/03	14310	2	40/03**
12313	49	35*,43,52/03				14110	42	32,44/03;1/04	14325	13	6/04
12314	30	46*,50/02:5,25,33,35/03				14111	7	14,32,34,42,44/03	14328	6	47/03
12316	29	2*,6,32/03				14112	5	32,42,44/03;1/04	14329	5	32,47,49/03;1/04
12317	31	37,50/02				14115	2	47/03	14340	25	33,37,40,52/02;12,22,30,49/03;1/04
12318	41	9*,32,44/03;6/04				14128	6	4/04	14341	5	12,34,47,49/03
12323	23	40/02:4/03;6/04				14136	2	1/04	14342	20	52/02:30,49/03
12324	30	2*,8,49/03				14141	17	47/03	14344	2	37,40/02:49/03
12326	49	35*,49/03				14143			14345	5	37,40/02:12,22,49/03
12327	97	48*,49/03				14144	29	38/03**	14349	7	42,47/03;5,6/04
12331	30	8*,13,14,18,33/03				14145	2	47/03	14353	3	42/03
12332	21	43,46/02:13,18/03				14146	2	32,49/03;6/04	14354	2	32,42,50/03
						14151	2	37/02:32,34,38/03;1,4/04	14355	3	50/03

SECTION I

NM 7/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 7/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14364	6	4/04	14965	21	11/03*;2/04	16553	3	17/03	17426	13	37/02;1,16,20/03
14373	2	34,49/03;1,4/04	14966	25	14*;21,49/03	16556	4	8/03*	17427	7	21,36/03
14380	19	49/03;6/04	14967	22	5/03	16561	1	29,35,44/03	17428	7	5,36,43/03
14386	3	36/02;6/04	14970	25	40,46,51/02;1/04	16566	10	29,44,49/03	17429	2	N38/02*
14404	4	47/03	14972	25	1/04	16568	12	39/02*	17430	10	5,36/03
14415	4	33/02;36/03	14973	27	15/03*	16575	1	39/02;1/04	17434	11	5,36,43/03
14420	27	40/03**	14974	24	5/04	16576	4	47/03*	17435	16	40,49/03
14500	27	52/02*	14975	33	52/02*;43,49/03	16580	11	39/02;1/04	17436	6	20/03
14756		N50/03	14983	9	46/03*	16590	10	38/02*;1/04	17437	8	21/03
14758		N32,N49/03	14985	9	41/03*	16591	8	1/04	17438	12	50/02;10,14,15,21,36/03
14773	16	26/03	14986	9	46/03*	16592	9	16/03;1/04	17441	7	10,15/03
14774	16	15/03	14987	9	3/04*	16593	11	14/03*;1/04	17443	12	10/03
14782	24	47/03	14988	10	41/03*	16594	13	2/03;1/04	17445	2	10,14,36/03
14784	19	47/03	14990	4	6/04*	16595	14	2/03;1/04	17446		N10/03
14786	13	49/03	14995	11	52/02*	16596	12	39/02*;1/04	17460		N5,N36,N49/03
14803	26	5,49/03	15043	3	34,47/03	16597	8	43/02;1/04	17465	4	6,12/03
14804	24	5/03	15044	3	34,47/03;1/04	16598	9	43/02;1/04	17470		N23,N41/03
14813	21	2*,49/03	15046	4	47/03	16599	6	43/02;1/04	17471		N6,N47/03*
14815	22	43/03	15061	3	50/03	16601	10	1/04	17472	4	5,14,36,41/03
14816	23	5/03	15064	1	50/03	16603	8	48/03*	17480	4	43/02;5,10,36/03
14820	19	11/03*	15066	5	32,47/03	16604	11	1/04	17482		N7,N14,N41/03
14822	31	10/03*	15067	2	47,49/03	16605	8	1/04	17483		N41/03
14823	30	1/03*	15069	4	47/03	16606	11	37/02*;21/03;1/04	17484	3	41/03
14824	26	5/04*	15070	3	49/03	16608	4	46/03*	17485	4	41/03
14826	27	4*,49/03	15074	1	6/04	16640	24	21/03;1/04	17489	19	43/02
14829	5	49/03	15080	1	47/03	16645	18	1/04	17495	2	43/02
14830	30	31*,34,47/03	15160	5	50/03	16646	12	8/03;1/04	17503	4	43/02
14832	34	52/02*;49,51/03	15163	2	50/03	16647	3	1/04	17513		N42,N43/02;N15/03
14833	25	43,49,51/03	15313	1	15/03	16648	4	1/04	17515	7	6,15,16,36,43/03
14835	31	39/02;7/04	15562		N41/02;N16/03	16660	28	42/02;6,16,47,49/03	17517	8	6,15,16,34/03
14836	27	42/02*	15569		N23/03	16663	6	42/02;6,16,47,49/03	17518	7	P44,48/02;16,18,20,41,47/03
14837	27	3/03;5/04	15570		N23/03	16665	7	42/02;6,16,47,49/03	17519	13	16/03
14838	3	52/02*	15585		N14/03	16680	10	6,32,37/03	17520	2	N6,N16,N34/03
14839	36	9*,43,49,51/03;5/04	15690		N35/03	16681	10	37/02*	17521		N15/03
14842	13	46*,51/03	15880		N41/02	16682	15	8*,17,19,37/03	17522		N15/03
14843	22	39,51/02;43,51/03	15946		N47/03	16683	9	3,6,17,32,37/03	17523		N15/03
14844	31	4,51/03;5/04	15954		N47/02*	16700	28	40*,43,50/03	17523		N15/03
14845	26	4,51/03	16003	16	13,36,48/03	16701	19	37/03*	17524		N12,N15,N49/03
14846	11	39,40/02;2,43,47/03;5/04	16004	11	13,17,48/03	16702	11	37/03*	17525		N15,N43/03
14847	30	40/02;43,47/03	16005	9	36,48/03	16705	19	49/02;16,43/03	17526		N15/03
14848	56	9,17,21,22/03	16006	33	6,32,35,36/03;1/04	16707	10	34,37/02;16,20/03;5/04	17528		N43/02;N6,N12/03
14850	52	2/04*	16011	35	38/02;8,29,31,32,35,44,50/03;1/04	16708	25	37,49/02;16,20,50/03	17541	3	43/02
14852	45	19*,21/03;2/04	16012	21	38/02;34,50/03	16709	22	49/02	17542	6	47/02
14853	14	26/03*	16013	28	52/02;21,29,32,34,35,41,44/03	16712	1	16/03	17543	17	41/02;43/03
14854	13	17/03	16016	19	34/03	16713	2	49/02	17545	13	43,47/02;43/03
14864	26	37/02;1/04	16041	8	48/03	16723	15	6/04	17546	22	42,43,47/02;24,34,35,43/03
14865	16	4/03	16042	7	39/02*	16741	9	46/02	17548	28	16,43/03
14867	26	39/03*	16047	8	37,49/02;13,17/03	16760	10	51/02;28/03	17549	6	47/02;15/03;3/04
14871	2	34/03	16067	7	1/04	16761	16	28/03	17550	4	42,43,P44,45,47,48,52/02;43/03;3,6/04
14873	2	35/02	16081	6	1/04	17003	4	47,52/02;24,35,36/03;6/04	18000	8	45/02;6,10,21,36,44/03
14880	30	33/02;4/03	16082	6	1/04	17005	10	41,45,47,52/02;24,34,35,43/03;3,6/04	18002	6	N45/02;N2,N6,N10,N21,N36,N44/03
14881	31	33/02	16083	5	1/04	17008	12	43/02;36/03	18003	19	22*,41,43/03;3,6/04
14885	20	51/02	16087	7	5/04*	17300	30	52/02*;21,39/03	18005	4	N34/02;N6,N10,N13,N21,N26,N40/03;N4/04
14886	11	41/03*	16124	6	3/04*	17302	18	51/02;49/03	18006	3	N6/03
14901	14	52/02*;5/03;7/04	16200	13	36/03	17303	9	37/02	18007	31	33,34,37,38,39,40,47,52/02;18,22,24,26,35,41/03;4,5,6,7/04
14902	28	4/03	16206	7	46/03;5/04	17315	23	2*,16,21,25/03	18008	7	N33,N34,N37,N38,N39,N40,N47,N52/02;N18,N22,N24,N26,N35,N37,N41/03;N4,N5,N6,N7/04
14903	23	31/03*;2,7/04	16220	5	36/03	17316	20	3,25/03	18009	2	N34/02;N6,N13,N26,N40/03
14904	26	40/03*;1/04	16300	8	52/02;3,8/03;6/04	17318	5	39/03	18010	20	33,34,37,38,39,40/02;6,13,26,33,40,47/03;4,5,7/04
14905	30	45/03*;7/04	16305	9	8/03;1/04	17320	15	13,29,34,39/03	18020	37	47/03*;1,4,7/04
14906	23	5/03	16315	10	1/04	17323	10	13,22,29,39/03;5/04	18022	34	3*,4,7/04
14909	19	49/03	16322	7	8,46/03;1/04	17324	13	39/03;5/04	18400	44	41*,43,47,49/03;3/04
14910	23	17/03*	16323	9	3/04*	17325	7	29/03	18401	12	34/03
14911	20	4/03	16338	3	1/04	17327	21	46/03*	18403	21	6,20/03
14912	17	31/03*	16343	7	1/04	17333	8	3/04*	18405	12	43/02;16/03
14913	18	31/03*	16363	12	38/02*	17360	33	31*,36/03	18406	5	16/03
14915	25	28/03*	16381	8	8,25/03	17370	10	3/04*	18409	8	41/03
14916	10	45/02*;17/03;1/04	16382	10	6/04	17372	11	48/03*	18411	10	N16,N20/03
14917	23	3/03	16420	10	46/03*	17375	20	50/03	18412	10	20/03
14918	26	17/03;1/04	16423	2	47/03	17382	15	20*,36/03	18413	15	20,22/03
14919	27	1,7/04	16431	7	50/03*	17383	1	49/02;8/03	18414	9	20/03;3/04
14922	19	51/02;9/03;5/04	16432	11	3/04*	17384	7	44/02	18415	8	42/02;7,22,32,39,47,50/03;3/04
14924	27	5,49/03;2/04	16440	13	37/02	17385	14	14/03*	18416	6	P44,48/02;22,46/03
14926	10	32*,47/03;7/04	16441	7	37/02	17400	16	36/02;10,12,44/03	18418	6	15/03
14927	24	35,37/02;47/03;7/04	16442	7	41/03*	17401	10	1,36/03	18419	11	47/02;12,46/03;1/04
14928	21	4/03*;7/04	16463	7	3/04*	17402	10	46/02*			
14929	24	14/03*;7/04	16478	10	5/04*	17405	14	12,25,46/03			
14930	24	45/02;1/04	16480	10	38/02;34,50/03	17406	6	25/03			
14931	24	35/02*	16490	8	6/04*	17409	10	39/02*;44/03			
14932	23	26/03*;1,5/04	16500	9	9,33/03	17412	2	49/03			
14933	24	35*,37/02;1/04	16520	21	2,31,33/03	17413	2	43,50/02;10,44/03			
14934	27	17*,26/03;1/04	16528	16	9,33/03;6/04	17414	3	41/02			
14935	21	1/04	16529	14	50/02;9,33/03;6/04	17416	3	10,14/03			
14937	24	52/02*;2,17/03	16530	6	50/02;33/03;6/04	17420	26	36,37,42,43,50/02;1,10,12,14,20,36/03			
14938	23	1,7/04	16535	12	2,21,31/03	17422	8	52/02*			
14942	25	35/02;1/04	16549	15	41/03*						
14961	12	3/04*									
14963	20	51/02									

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 7/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
18420	1	22,47,49,50/03	18649	63	48*,50/03;2,5/04	19361	8	5/04*	22114	5	42,43/02;17,33,37/03;5/04
18421	46	50/03*	18650	52	47/03*	19362	12	49/02	22117	3	37/03;5/04
18423	33	1*,5,7,9,15,18,30,32,34,36,38,39,43,45,47,49/03	18651	42	15*,48/03	19366	36	49/02;5,50/03	22120	3	34,36,39,41,43,52/02;29,32/03;7/04
18424	25	7,45/03	18652	32	36*,40,43,46,48,49/03;5/04	19367	37	49/02;10,50/03	22121	9	34,36,44,52/02;29,32,47,51/03
18427	21	35/02*;7,19,45/03	18653	9	36,38,41/02;4,6,21,43,50/03	19369	5	49/02;10,36,50/03	22124	2	34,52/02;6,29,32/03
18429	9	3*,22/03	18654	42	38,49/02;12,16,35,46,48/03;5/04	19379	1	N51/02;N5,N13,N30,N46/03	22125	1	36/02
18430	8	5/04*	18655	58	49/02;12,16/03	19380	14	51/02;5,13,30,46/03	22126	1	36/02
18431	6	2/03*;1/04	18656	53	19*,21,33,40,43,48/03	19381	8	49,51/02;26/03;7/04	22130	2	44/02;14,17,29,32,38/03;2,7/04
18432	5	14/03*	18657	18	4,21,40/03	19382	15	26/03	22138	2	41,44,48/02;6/03
18433	5	2*,22,32,36/03	18658	29	4,21,33,40/03	19383	17	49/02;5/03	22140	2	34,36,44/02;25,47/03;7/04
18434	5	2/04*	18659	14	49/02;7,16,21,43,48/03	19385	8	3/04*	22142	2	39,41,43/02;25,40,47/03;7/04
18440	27	3/04*	18660	2	29*,43,49/03	19387	9	N46/03	22143	4	26*,29/03
18441	43	39*,45,47,51/03;6/04	18661	27	15*,16,43,49/03	19388	2	N46/03	22145	2	N41/02;N25/03
18443	15	39/02;6,34/03	18662	20	7,43,44/03	19401	8	10/03*	22160	2	34,39,41,48,52/02;25/03;7/04
18444	15	39/02;34/03;1/04	18663	5	14*,43/03	19402	6	9/03*	22170	3	39/02;6/03
18445	29	33,39/02;6,7,9,10,15,18,22,25,28,34,36,38,42,45,47,51/03;1,6/04	18666	1	21,33,48/03	19421	7	8/03*	22172	8	48/02*;4,6,29/03
18446	16	47*,51/03	18680	30	6,13,33,35,38,40/03	19441	7	28/03*	22173	36	48/02*;6,17,29/03
18447	26	52/02;6,7,10,18,47/03	18685	32	36*,46/03	19442	5	14*,26/03	22180	2	34/02;32/03
18448	33	1/04*	18687	13	8/03*	19461	7	10/03*	22181	16	39,41/02;29/03;2/04
18449	18	50*,51/03;6/04	18700	22	40/03*	19480	7	6/04	22182	6	34/02;14,29/03
18450	17	9*,44/03;6/04	18702	12	37/02	19482	9	6/04	22183	4	52/03*
18452	16	34,38/03	18703	25	40/03*;7/04	19483	6	11/03*	22190	2	29/03
18453	24	14*,25,36,38,42/03;6/04	18704	12	37/02	21005	5	45/02;2/03	22202	2	12,18/03
18455	2	N39/02;N15,N34,N38/03	18720	31	35/02;4,6,10,12,25/03	21008	62	39,42,43,50/02;1,2,36/03	22221	20	12,31,34/03;1/04
18458	15	19*,28,34,38/03	18721	11	35/02;6,10,39/03	21011	5	2/03	22222	1	4,12,31/03;1/04
18459	5	N39/02;N9,N15,N28,N34,N38/03	18723	3	6/03	21014	72	42,50,52/02;2,3,4/03	22225	2	12,18,40/03
18460	11	2*,6,7,43/03;3/04	18724	1	22*,25/03	21017	3	6/03	22233	29	13,18,25,37/03
18464	23	24*,30/03	18725	27	32/03*	21020	42	41/02;5,6,7/03	22234	1	1/04
18465	35	2*,15,30/03	18740	40	46*,49/03;1,5,7/04	21021	3	45/02;13/03	22250	2	42/02;12,18/03;4/04
18468	17	7/03	18741	18	N45,N50/02;N12,N27,N38/03;N1,N7/04	21023	41	34/02;7,8,9/03	22251	11	12,28/03
18471	9	36/03*	18744	30	37/02;35/03	21033	46	1,16/03;1/04	22252	18	2/04
18473	7	4*,18,19,34,38,45,47,51/03;6/04	18746	34	34/02;5,13,41,49/03;5/04	21036	7	1,16/03;1/04	22259	4	20,24/03;2/04
18474	8	5/04*	18749	38	40/02;5,6,16,21,26,28,31,39,41,49,50/03;5,7/04	21120	27	47,50,51,52/02	22263	1	26,37/03;4/04
18475	1	35/03	18751	42	40/02;5,6,16,21,26,28,31,39,46,49,50/03;5,7/04	21121	18	47/02	22264	2	42/02;13,18,20,24,26,37,41/03
18476	4	39/02;7,9,28,34,38/03;6/04	18754	17	39*,43/03	21122	5	47/02	22275	3	42/02;12,18,26/03;2/04
18477	5	7/03;6/04	18757	10	13,41/03;5/04	21125	13	51,52/02;36/03	22281	9	12,18/03;4/04
18480	29	2*,6,7,43/03;3,6/04	18758	6	35/02*;16,33,49/03;4/04	21126	1	45,50/02;12,27,36/03;7/04	22282	17	12/03;4/04
18484	10	40/02;15,29/03	18760	6	N34,N35,N45,N50/02;N6,N25,N35,N36,N44/03;N1,N7/04	21161	19	43,48/02	22283	3	N12/03;N4/04
18485	15	2*,10,29/03	18761	2	N1/04	21180	1	2,7/03	22284	7	N5/04**
18500	28	39/02;12,22,28/03	18762	15	1/04	21182	34	39/02	22286	1	5/04*
18502	84	39,42,49/02;9,21,28,29,42,47,52/03	18763	9	1/04	21200	1	2/03	22290	4	18,30/03
18504	65	19*,35/03;3/04	18765	15	45,50/02;12,27,46/03;7/04	21301	13	3,12/03	22293	15	18,26,37,38/03
18520	24	33,39/02;22/03	18766	7	45,50/02;12,27,36/03;7/04	21342	28	41,44/02	22294	15	12/03
18521	70	5/04*	18768	4	N45,N50/02;N12,N27,N36,N38/03;N7/04	21344	27	34,44/02	22302	2	18,24,30,34/03
18523	54	5/04*	18769	2	N1/04	21478	3	9,16/03	22311	19	8/03
18524	33	33/02;4,6,10,24,29,47,52/03	18772	47	21*,48/03	21482	1	36,46/03	22312	2	13,30/03
18525	33	33/02;4,9,29,52/03;6/04	18773	39	40*,41/03;4/04	21510	1	9,16/03	22313	2	44/02;8,18,38,40/03
18526	55	33/02;4,18,29,52/03;6/04	18774	10	35/02*;10,16,49/03;4/04	21511	1	29/03	22314	1	44/02;40/03
18527	21	48/03	18775	2	N1/04	21525	19	29/03	22322	11	33/03**
18528	10	52/02*;18/03	19002	9	N37,N51/02;N16,N23,N29,N46/03;N6/04	21563	3	45/02	22331	2	N10,N19,N24/03;N1,N2/04
18529	10	52/02*	19004	36	35,37,51/02;23,29,30,46/03;6/04	21580	40	52/03	22335	4	19,52/03
18531	20	34/02;9,10,48,52/03;2/04	19007	16	51/02;16,23,29,30,46/03	21581	5	41/03	22341	9	43/02;11,21,29,52/03;2/04
18532	20	10,52/03	19008	4	16,23,29,46/03	21584	2	41/03	22342	9	21,29/03
18545	15	50/03*	19009	4	16,23,29,46/03	21601	4	31/03	22343	1	N43/02;N10,N11,N21,N41,N52/03;N2/04
18548	5	8/03*	19010	17	45*,51/02;23,29/03;6/04	21603	9	5,31,36/03	22344	6	N23*,N52/03
18558	37	39/02;48/03;1/04	19013	16	51/02;29,30,46/03	21604	25	4/04	22345	11	42/02;24/03
18561	11	33,39/02;10,51/03	19016	10	3/04*	21605	7	31/03	22347	6	N23/03*
18580	21	33,38,39/02;51/03	19019	9	28/03*	21661	12	6/03	22351	1	N43/02;N12,N35,N41,N52/03;N2/04
18581	17	49/02*;4,36,50,51/03	19320	16	35,37,51/02;5,16,23/03;6/04	22004	38	34,36,39,41,43,52/02;16,29/03;2,7/04	22352	6	12,19,24,35,52/03;1,2/04
18583	38	33,42,49/02;12,43/03	19324	22	35/02;5,23/03	22008	35	34,36,39,41,43,44,48,52/02;6,14,17,29,32,38,47/03;7/04	22360	2	19,52/03;2/04
18584	47	39,49/02;4,6,30,48,52/03;1/04	19327	10	23,43/03	22012	31	34/02;6,29,32/03	22361	2	N10,N30,N32,N33,N34,N52/03;N2/04
18587	68	33,39,42/02;4,6,9,10,21,27,36,52/03;1/04	19330	9	27/03	22019	28	47/02;51/03;2/04	22370	2	15,19,26,30,33,34/03;2/04
18588	37	22*,36/03	19331	7	23,43/03	22050	4	12,26/03	22371	5	30,32,33,52/03;2,4/04
18589	15	44/03	19339	1	N35,N49,N51/02;N5,N13,N30,N47/03	22051	18	5/04	22373	1	N50/02;N10,N24,N30,N32,N33,N34/03;N3/04
18600	14	33,37,38,40/02;44,47/03;5/04	19340	26	35,49,51/02;5,13,29,30,36,47/03	22082	4	13,25,38/03	22375	1	N10,N15,N26,N37/03
18601	13	10/03;1/04	19347	17	29/03	22084	4	42/02;35,37/03	22377	1	N10,N13/03;N2,N4/04
18602	12	26*,47/03;1/04	19348	7	29,43/03	22090	2	43/02;4,17/03	22379	1	N50/02;N10,N30,N32/03
18603	16	9*,10/03;5/04	19353	12	27/03;6/04	22100	3	12/03	22381	1	N43/02
18620	23	35/02*;4,7/04	19357	22	42*,49,51/02;5,13,30,36,47/03	22101	19	43/02;37/03	22395	2	42/02;15,19,22,26,30/03
18622	52	49/02;21,25,27,35/03	19359	10	12,16,47/03	22102	19	17/03	22401	4	N23*,N30/03
18623	11	34/02;4,7/04	19360	1	N37,N51/02	22109	3	17/03	22403	1	N45/02
18626	15	37/02;10/03				22111	4	17/03	22404	15	46/02
18640	24	26,38,42/03;4/04				22113	8	12,17/03;5/04			
18643	17	26*,33,41,43/03									
18645	24	50/02;33,38/03;5/04									
18647	15	2/03*									

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 7/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
22406	1	N1/03	24161	11	42/02;7,28,32,39,40,	25485	45	36/03	27040	5	9/03
22407	1	N4,N11,N18,N30/03			47/03	25487	2	36/03	27041	4	50/02
22408	1	N10,N21/03	24162	9	42/02;6,7,28,32,39,40,42,	25524	43	33/02;1,5,20,24,26,32/03	27042	21	41,42/03
22409	4	N45/02;N10,N17,N22/03			47,52/03	25525	17	1,5,26/03	27060	2	22,23,34/03
22410	32	43,44,46/02;19,23,40/03	24164	6	39,41,47/03	25526	2	33/02;24,32/03	27080	4	15,22,39,52/03
22412	2	2,4/04	24170	14	5,6,35/03	25527	31	33/02;24,32/03	27081	6	49/02
22413		N45/02;N22/03	24171	19	5,6,37,52/03	25528	5	42/02	27082	6	49,51/02
22415	8	2,4/04	24172	4	5,6/03	25550	2	21/03	27083	39	28/03;4/04
22417	1	N10,N25/03;N1/04	24180	15	8,40/03	25563	50	33/02;14,18,21/03	27084	4	13/03
22418	2	36,44,46/02;19/03	24201	5	49/03	25565	7	33/02	27100	2	8,21/03
22420	2	4,11,15,19,30,40/03	24202	6	31,35,46/03	25566	27	18,30/03	27102	11	28/03
22421	4	N43,N44,N46/02;N11,	24203	36	49/03	25567	16	21/03	27120	4	41,43,44/02
		N23,N25,N26,N27/03;	24210	14	42/03	25570	3	16/03	27142	5	9/03
		N4/04	24220	14	39/03	25575	4	35,39/03	27160	2	8,13,35/03
22423	3	N11,N25,N27/03	24222	3	39/03	25600	47	25,27/03;1/04	27161	4	8,13/03
22424		N27/03	24223	33	39/03	25607	4	39/02;48/03	27163	21	49/02;8/03
22425	2	44,46/02	24230	20	52/03	25608	21	16,26,34,38/03;1/04	27183	8	1,9/03
22427	1	N43,N44,N46,N50/02;	24233	15	36,43/02	25609	5	1/04	27186	8	1,9/03
		N11,N23,N25,N26,	24234	3	35/03	25610	8	2/04	28004	1	45/02;8,9,22/03
		N40/03	24240	5	39/02;7,39,46,52/03	25611	22	1/04	28006	1	8/03
22429		N46/02;N10,N14,N17,	24250	5	39/02;7,39/03	25613	2	25,27,47/03	28050	3	34/02;26,42,47/03
		N19,N27/03	24251	23	34,43/02;6,39/03	25640	40	15,25,31,34,39,52/03	28084	4	17/03**
22430	6	19/03	24252	5	39,43/02;6,39/03	25641	26	1/04	28150	3	8/03
22433	3	39,47/02;11,14,35/03	24260	5	34/02	25644	13	20/03*	28154	2	38/03
22434	2	35/03	24270	3	17,29/03	25646	7	N42/02	28165	19	6/04
22436	2	39/02;10,14/03	24271	14	17,29/03	25649	19	44/03*	28190	2	41,43,45,46/02;18/03
22440	1	19/03	24274	2	17,29/03	25650	33	25,30,31,39/03	28196	4	41,43,45/02;18/03
22471	31	44/02;2,6/04	24290	3	36,43/02	25653	13	8/03*	28197	4	45/02;18/03
22481	35	43,44/02;19/03;2/04	24291	4	36/02	25659	9	20/03*	28202	22	41,44/02
22482	16	44,50/02;23/03	24292	4	36/02	25663	27	17,30,39/03	28210	2	33,35,39,41/02
22492	3	34/03	24293	6	36/02;37,42,46/03	25664	15	17,30,39/03	28220	2	35,39/02
22521	3	12,17,34/03	24294	22	36/02;37,46/03	25666	17	17/03	28221	18	33,37,39/02;5/03
22523	3	12,17,34/03	24320	4	34,43/02;6,17/03	25667	20	15/03	28223	4	35,39/02
22529	3	12,17,35/03	24321	3	6/03	25668	18	48/02;13,34/03	28260	30	35,37/02
22531	2	12,17,35/03	24322	6	34/02;6,17/03	25670	42	2/04*	28263	3	35,37/02
23000	5	51/03	24350	2	51/02;18/03	25671	18	21/03*	28264	3	35,37/02
23010	4	38/02	24355	2	51/02;25,37/03	25673	15	42/02;43/03	28265	3	37/02
23020	4	22/03	24360	1	25/03	25675	9	20/03*	28281	32	36/02
23030	6	38/02;21,22,37,42/03	24370	1	34/02;48/03;1/04	25677	20	32*,39,52/03	28282	2	35/02
23121	7	17,20/03	24375	2	34/02;38/03	25679	10	20/03*	28300	1	39,50/02
23122	8	33/02	24376	1	38/03	25681	16	28*,34,39/03	28302	16	33,39,40/02;12/03;7/04
23124	3	N17,N20/03	24380	2	35/02;48/03;1/04	25683	18	32*,34,39,52/03	28310	2	33,35,39/02;7/04
23125	4	17/03	24388	2	35/02	25685	9	22*,52/03	28320	6	33/02
23131	7	12,22/03	24404	8	35,44,48/02	25687	12	30/03*	28325	2	5/03
23141	7	34/02;22,37/03	24405	10	35,36,44,48/02	25700	3	15/03	29002	9	18,29/03
23142	10	8,37,47/03	24406	30	2/03	25720	3	33/02	29012	8	7/04
23145	3	37,51/03	24408	21	36,44,48/02	25800	3	36/02	29015	5	16/03;7/04
23150	10	37,52/02	24410	2	44/02	25841	9	36/02	29040	3	39,48/03;7/04
23151	3	12/03	24430	5	39/02;8,11,31,52/03	25848	25	5,13,15/03	29101	6	7/04
23152	3	37/02;12/03	24431	14	39/02;31,52/03	25849	13	42/02;12/03	29105	5	49,50/03
23153	8	12,13,49/03	24433	3	52/03	26001	4	9/03	29107	2	29,36/03
24004	36	41,42,46/03	24434	4	39/02;52/03	26050	1	34/02;26,47/03	29127	4	29,39,42/03
24016	53	39/02	24450	3	26,47/03;6/04	26060	1	49/02;42/03	29141	3	29,39/03
24024	46	18,25/03	24453	5	26/03	26068	11	18,50/03	29142	3	7/03
24028	6	48/02	24454	5	5,26/03	26081	8	46/02;16,42,43/03	35000	26	47,48/02;14/03
24050	11	34,38,49/02;20,31,32,33,	24460	4	39,47/02;15,29,32,47/03	26100	4	31/03	35008	21	45,48,50/02;5,25,27/03
		51,52/03;6/04	24461	4	16,38,47/03	26122	30	22/03*	35009	19	40,41,45/02;5,10,14,
24052	15	37,38/02;14,19,21,30,42,	24462	5	47/02;16,29/03	26125	3	41/03			49/03
		44,50/03	24463	6	39/02;12,15,25,26,38/03	26127	21	49/02;5/03	35011	2	48/02;1,25/03
24053	16	19/03	24465	6	33,47/02;38/03	26128	50	49/02;5/03	35036	21	36/02;10,15,27,43/03
24055	6	37,49/02;14,19,21,42,50,	24469	1	46,47/02;13/03	26129	11	41/03	35040	18	45/02;4,8,10,14,21,49/03
		51,52/03;6/04	24470	4	39,47/02	26142	10	33/02	35041	8	35/02;4/03
24057	4	38,49/02;20,30,33,42,	24471	8	47/02	26210	2	36/02	35042	9	44/02;4,14,49/03
		52/03;4,6/04	24480	1	41,44,45,49/02;24,27,42,	26218	2	31/03	35044	9	38/02
					48/03	26219	5	31/03	35047	5	35/02
24058	2	37,38/02;19,22,28,29,30,	24482	2	49/02;31/03	26229	11	31/03	35060	14	40,41/02;10,14,49/03
		42,44/03;7/04	24483	2	49/02	26230	12	31/03	35080	16	40/02;49/03
24060	2	34/02;17,32/03	24484	3	49/02;31/03	26240	7	9/03	35081	15	22,27/03
24080	5	17/03	24490	3	25,27/03	26244	3	9/03	35082	7	22,27/03
24091	6	6,21,46/03	24491	3	27/03	26245	16	51/02;15/03	35083	8	20/03
24092	14	6/03	24492	20	46/02	26259	2	51/02	35084	15	50/02
24100	5	46/03	24500	1	7/04*	26261	27	8/03	35086	5	22/03
24101	3	37,41/02	24501	3	27/03	26262	3	8/03	35088	2	50/02
24102	3	37,41/02	24502	6	46/02;27,34,47/03	26282	6	22,23,34/03	35099	3	41/02
24110	3	35/03	24504	7	41,45,46/02;42,48/03	26290	1	21/03**	35100	14	40,45/02;5,30/03
24130	14	5/03	24508	3	22/03*	26295	1	21*,22,34/03	35101	6	41/02
24133	6	31/03	24509	2	45,50/02;15,25,34,42/03	26300	7	21/03*	35103	5	41/02
24140	18	41,42,46/03;6,7/04	24510	2	41,45,46,50/02;42/03	26308	5	21*,22,23,34/03	35120	13	40,45,47/02;5,30/03
24141	4	5/03	24511	2	24,42,48/03	26309	26	11/03	35130	3	48,51/02;5/03
24142	43	5,6/03;7/04	24512	3	44,46/02;24,25,38,42/03	26310	1	N48/03*	35135	1	5/03
24149	1	52/03	24513	18	46/02;38,42/03	26312	2	21/03	35136	2	48,51/02
24150	27	41,47/03;6,7/04	24517	2	46,49/02;25,40,42/03	26316	3	21/03	35141	11	34/02
24151	4	41/03;6,7/04	25001	7	15,52/03	26320	5	35/02;7,12,22,23,25,31,	35143	7	34/02
24152	2	41,47/03;6/04	25017	5	15,25,31,34,39,52/03			40/03	35144	3	11/03
24153	6	39,47/03;6/04	25018	9	15,25,31,34,39,52/03	26323	4	1/03	35150	3	48/02
24155	6	46,49/03	25400	1	35,48/02	26327	2	N41/02*;N17/03	35155	3	25/03
24160	21	47/03	25480	1	42,46/02;52/03	27005	4	6,8,9,22,23,34/03	35163	7	44/02

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 7/04

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
35166	4	35/02	37080	3	33,34,38,40,42,44,45,46,51/02;1,4,7,9,14,15,18,20,21,22/03	37232	12	29,31/03	42580	5	40/03
35167	3	35/02				37234	13	7,8,31/03	42600	5	14,30,40/03
35169	2	35/02				37235	11	17/03;5/04	42620	5	14,38/03
35200	7	48,51/02;5,25/03	37081	23	38,43,50/02	37238	6	17,21,30,33,37,40,41,45/03;7/04	42640	6	38,40/03
35236	2	38,50/02	37082	9	44,50/02;11/03				42660	5	38/03
35246	2	38,43/02	37084	9	38,40,43/02	37241	17	26,27,30,32,33,35,37,39,43,45/03;7/04	42740	5	34,41/02;6,25,31,40/03
35247	4	50/02	37085	8	38,40/02				42742	3	6,8,30/03
35255	3	50/02;14/03	37086	8	38,50/02;4/03	37242	10	26,30,32,35,39,43/03	42760	5	8,19,24,25,47,52/03;2/04
35256	2	14/03	37087	7	38,40/02	37243	7	27,30,32,37/03	42762	3	N25,N30,N47,N52/03
35270	2	38,46/02	37088	9	5/03	37244	11	23,26,27,28,30,32,33,35,37,39,43,45,46/03;7/04	42765	3	47,50/03;2/04
35276	3	46/02	37089	12	4,13/03				43000	4	9/03
35277	3	38,46/02	37090	8	45,51/02;1,7,9,14,16,22/03	37246	14	21,24,27,30,32,33,35,39,40,43,45,46/03;1/04	43015	12	9/03
35279	3	38/02							43030	24	2,9,10,11,12,13,15,17,22,27,28,30,32,46,48/03;1,3,6/04
35299	9	13/03	37095	3	1,7,9,11,14,15,16,20,22,32,39/03	37248	18	39/02;21,23,24,26,27,30,32,35,40,41,43,45/03;7/04	43040	6	38,47/03;2/04
35301	6	17/03							43058	3	20/03
35302	7	17/03	37104	3	41/02	37258	4	1,11,22/03	43059	3	44/02;20/03
35303	7	40/02;17/03	37106	4	32/03	37261	10	1,7,11,20,22/03	43060	4	44/02;27/03
35308	5	10/03	37110	11	47/02;20,25,31,32,39/03	37262	20	1,11/03	43079	2	41/02
35330	2	38,41/02	37112	1	47/02	37264	3	1,15,22/03	43080	4	44/03
35350	2	38,41/02	37115	2	33,47/02;7,25,31,32,39/03	37265	3	1,7,17,32/03	43082	5	41/02;47/03
35402	3	38/02				37281	15	1,15,22/03	43101	3	46/02
36005	2	34,36,38,45,46/02;P12,14,17,24,25,27,31,43,44/03	37119	2	43/02	37320	16	38,44/02;9,10,11,P12,15,17,21,24,36,38,44/03;7/04	43102	4	46/02
36010	27	38/02;5,15,16,20,23,43/03	37120	2	39,42,49,51/02;4,6,21,23,24,25,26,27,30,32,39,42,43,44,45/03				43104	4	46/02
36015	2	36,46/02;27,44/03	37121	11	25/03	37325	8	34,39,47/02;15,18/03	43106	6	44/02;44/03;7/04
36040	16	1,15/03;6/04	37122	12	48/02;19,31,44,45/03	37326	2	34,47,51/02;15,18,21,36/03	43107	1	7/04
36046	5	38/02	37123	9	49/02;6,20/03				43120	4	5,7/04
36060	17	38/02;5,8,20,21/03;2/04	37125	15	42,49/02;6,9,20/03	37328	2	42,44/02;11,15,21,24/03	43122	3	7/04
36061	5	46/02;20/03	37126	8	41/02	37330	2	34,38,40,46/02;9,13,14/03	43123	5	3,5,7/04
36062	11	40*,46/02	37127	11	49/02;4,6,20/03	37342	3	2,11,15,21,45/03	43125	7	44/03;7/04
36098	6	5/03	37129	6	39,42,49/02;4,6,20,23,24,30,42,45/03;7/04	37343	10	45/02	43126	4	5,7/04
36102	6	13/03				37344	11	34/02;21,38,45/03	43127	5	20/03;1,3/04
36103	9	13/03	37133	4	44/02	37360	15	34,43/02;2,9,10,11,15,17,21,24,31,36,38,39,43,44,45/03	43140	4	41,48,52/02;12,35,38/03;1,5/04
36104	6	13/03	37134	5	38/02;45/03				43141	5	52/02;12/03;5/04
36106	7	47/02;5,13/03	37136	6	38,46,50,51/02;30/03	37362	6	43,48,51/02;1,2,4,17,22,32,33,38,39/03	43142	4	52/02;12/03;1/04
36118	3	5/03	37137	6	46,48/02;30/03	37363	8	48/02;4,17,32/03	43143	4	12/03
36120	9	46/02;5,8,16,23,27/03	37139	8	1/03	37367	1	38,49/02	43144	4	6,12,43/03
36123	25	46/02;11,16/03	37140	33	35,49,51/02;4,6,16,24,25,30,32,42,43,44,45/03	37380	2	34,40,42,43,44,48,51/02;9,10,17,21,38,39,41,43/03;7/04	43145	4	12/03
36124	18	16/03							43146	2	48/02;34,35,44/03
36125	7	4,30/03	37141	29	36,40,48,51/02;1,4,12,17,19,24,27,31,45/03	37400	10	34,38,40,41,44,46/02;6,10,20,31,34,36,41,43,46,47/03;1,7/04	43147	3	35,38/03
36137	4	38/02	37145	23	46,50/02;4/03	37401	9	44/02;4,6,13,14,16,22,31,36,43,44,47/03;1/04	43148	4	43/03
36138	3	39/02;4/03	37147	15	35,36,40/02;1,10,12,16,17,19,25/03	37402	7	41,42,44,50/02;4,13,14/03;1/04	43150	2	N34,N35,N38,N41/03
36139	4	4/03				37403	23	10,41/03	43160	6	34,35,36,38,41/03
36140	12	36,41/02;4,10,27/03	37148	13	35,38/02;4,10,11,27,51/03	37404	1	34,43/02;1,7,41/03	43161	2	41,44/02;35,41/03
36141	7	4/03				37405	5	14,21,41/03	43162	3	41/03
36143	4	34/02;5,30,43/03	37149	10	44/02	37421	8	14,21,41/03	43163	3	44/02;41/03
36161	10	34,44,45,47,50/02;4,10,18/03	37150	8	14,19,26,27,32,33,35,37,39,41,43,46/03;7/04	37423	5	14,21,41/03	43164	3	48/02;6,34/03
36162	10	35,45,47,50/02;4,18/03	37161	14	34,43/02;1,14,19,24,41,43,46/03	37425	2	38,45/03;7/04	43166	2	43/03
36163	13	34,35,38,44,45,47,50/02;4,18/03				37445	1	48/02;1,34,38/03	43167	5	36,42,44/03
36164	7	34,38,44,46/02;8,15/03	37162	12	21,26,27,30,32,33,35,37,39,40,41,43,45,46/03;7/04	37446	2	1,34/03	43168	2	36,42/03
36165	6	36,44/02;10,27,30,43/03	37163	19	32,43/03	37461	9	51/02;6,20,25,36,50/03;3/04	43180	5	9,44/03
36167	2	40/02	37164	4	23,26,27,30,32,35,37,43,46/03;7/04				43181	3	43/03
36173	1	40/02				37463	6	1,43/03;1,2,3,4/04	43182	4	47,52/02
36180	23	36,40,50/02;4,27,44/03	37165	2	34,36/02;10,12,13,15,21,23,26,27,28,30,32,34,35,37,39,43,45,50,52/03;1,5,7/04	37481	7	47,48/02;6,7,14,30/03	43204	4	36/03
36181	18	36,40,50/02;4/03				37501	3	46,47/02;7,8,20,33/03	43223	4	41/02
36182	6	36,40/02;27/03	37166	2	14,19,21,26,27,30,32,33,34,35,37,39,40,41,43,45,46,51/03;7/04	37505	2	46/02;7,33,41/03	43225	4	52/02
37000	22	47,48/02;14,23,43/03				37506	4	45,46,47,51/02;8,20,33,48/03	43240	4	50,51/02
37005	16	41,45,47/02;5,12,13,15,23,28,29,30,50,51/03;5/04	37170	11	38/02;14,19,46/03	38320	3	35/03	43242	4	52/02
37010	23	41,45,47/02;10,12,13,15,19,23,27,28,29,30,43,50,51/03;5/04	37175	2	5,27,30,45,46,51/03	38480	6	48/03	43243	4	50,51/02
37025	26	38,51/02;1,24,25,27,31,33,34,36,38,41,43/03;3,4/04	37180	20	38/02;27,31,35,49/03	38528	4	N20/03	43247	5	44/03
37032	2	1,6,25,31,38,42,43,45/03;3,4/04	37182	14	35,47,48/02;24,27/03	38580	8	18/03	43248	3	9,44,46,47/03
37033	2	47/02;33/03	37183	9	48,51/02;10,24/03	38585	4	18/03	43252	1	44,46/03
37034	2	8,14,33,41/03	37184	8	48/02;5/03	38607	2	1/04	43260	4	46,47/03
37041	15	50/02	37200	15	28,30,35/03	38610	1	1/04	43261	5	46/03
37042	5	41,45/02	37202	2	22,27/03	38641	4	3/04	43262	5	46/03
37043	17	43/02;43,46/03	37205	2	39/02;22,24,30,40/03	38650	1	3/04	43263	7	44/02;37,44,46/03;1/04
37044	16	45/02	37221	13	34,36/02;6,10,11,12,13,14,15,21,23,29,30,32,50,51,52/03;5/04	38670	2	1/04	43264	2	46/03
37045	11	45/02				41000	2	15/03	43265	2	44,52/02;37,46,47/03
37046	18	43/02;43,46/03	37222	13	21,22,30,46,52/03	41060	3	34/02;52/03	43266	1	47/03
37050	9	42,46/02;10,12,17/03	37223	14	42/02;21,26,27,30,32,34,35,39,43/03;7/04	41100	2	N46,N52/03	43270	2	44/02
37060	3	46,50/02;9,13,18,43,46/03				42003	1	N23/03**	43280	5	44/02;37,40,47/03
37061	15	36,38/02;5/03	37224	11	22,23,30,37/03	42004	1	N23/03**	43281	6	27,37,44,46,47/03;1/04
37063	21	36,50/02;43/03	37226	17	39/02;8,9,12,14,17,21,23,51/03	42036	2	43/03	43283	6	27,37,40,43,47/03;1/04
37075	3	5,18,43/03				42038	2	43/03	43284	4	51/02;40,43/03;1/04
			37228	14	8,14,23,27,29,30/03	42141	3	6/04	43285	5	44/02;44,49,51/03
			37229	15	8/03	42160	3	7,38/03	43287	2	27,37/03;1/04
			37230	14	39/02;28/03	42301	3	38,52/03	43300	5	44,47,50/02;49,51/03
			37231	18	6,10,12,14,50,52/03	42560	5	31,38,40/03	43301	4	45,50/02;49/03
									43302	4	44,47,50/02
									43303	4	41,47,50,51/02;43/03
									43304	2	44,47,50/02;43/03
									43320	5	49/03
									43321	6	41,47/02
									43323	4	27,49/03

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 7/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
43324	4	27,49/03	44105	2	49/02:5,6,8,24,26,27,41,47,48,52/03;3/04	44340	11	37/02:4,6,8,9,15,17,P20,26,33,37,49,50,52/03;2,6,7/04	51260	4	37,50/02;16,18,28,43,44,52/03
43340	13	49/03	44120	7	2,9,10,15,19,20,22,23,24,27,33,39,40,41,45,48,49/03;1,3/04	44341	7	37,41/02:7,9,P20,26,52/03	51261	23	5,6,13,15,19,40,46/03
43341	7	41/02:12,49/03	44140	8	50/02:1,6,19,21,23,24,26,31,40,44,47,50/03	44342	8	37,41/02:6,52/03	51262	23	49/02:13,17/03
43342	7	26,49/03	44160	7	46/02:1,4,5,6,11,13,14,15,20,26,31,41,47,48,49/03;2,5/04	44352	2	4,6,7,8,12,15,17,19,49/03;2,7/04	51341	23	48/02:6,16,34/03
43344	3	39/03	44161	2	50/02:1,2,6,10,21,35,39,41,48,49,50/03;3/04	44360	9	34,37,41,42/02:4,9,10,20,27,28,30,31,32,37,39,44,52/03;2/04	51342	3	1/03;5/04
43345	4	1/03	44162	1	50/02:1,24,47/03	44361	6	4,10,15,21,26,27,28,35,52/03;4,6/04	51344	2	5,7,16,18,44/03
43360	21	6,10,13,17,20,21,28,30,32,43,52/03;5,7/04	44163	1	48/02	44365	1	7,8,26,27,43,52/03;4/04	51380	5	47/02:42/03
43362	5	44/03	44164	1	46,48/02;1,11,18,22,47/03;2,6/04	44366	1	34,41/02:44,52/03	51420	5	42/03
43363	5	45/02	44165	1	46/02:1,5,6,11,20,22,24,34,39,45,48/03;2/04	44367	2	35,37,40/02:6,39/03	51440	4	42/03
43364	5	45,46/02	44178	2	2,5,7,10,16,26,27/03;2/04	44400	4	48/02:4,6,7,8,9,12,15,17,19,23,24,25,27,34,41,49,50,51/03;7/04	51500	6	20/03
43366	4	44/03	44179	2	10,16,35,39,51,52/03;3/04	44401	7	10,12,19,24,41,49/03;6/04	51540	3	22,45/03
43368	5	43,48/03	44180	6	34,45,46/02:1,2,5,7,8,9,20,26,43,48,50/03;2,3,6/04	44410	4	4,6,11,12,13,14,15,23,24,26,27,41,45,49,50/03;2,3/04	51559	3	41/02
43369	6	43,48,50/03	44181	5	5,10,13,20,21,27,48,52/03;2/04	44420	6	36,49/02:8,9,10,11,12,14,17,22,25,27,40,44,49/03;5/04	51560	11	50/03
43370	7	47/03	44182	4	48,49/02:1,2,15,18,27,42,43,46,48,49/03;1,2,6/04	44430	2	6,10,11,14,19,24,25,40,44,47,52/03	51562	10	50/03
43371	13	38,43/03	44183	6	48/02:1,6,8,9,10,19,20,25,27,35,39,43,46,49/03;2/04	44444	6	9,12,30,34,35,36,38,41,52/03;7/04	51580	13	41/03
43373	8	45/02:17,20,40,42,49,50,52/03	44184	9	45,49/02:2,10,13,20,22,32,48,52/03	44461	10	6,10,24,25,26,28,31,36,47,50/03	51600	12	20,39/03
43374	1	43/03	44185	7	45,49/02:1,2,10,27,32,48,50/03	44462	4	27,39/03	51620	10	20,39/03
43375	7	46/02:6,7,10,12,16,18,23,42,44,50,51/03;5/04	44186	2	45,46,48/02:1,2,5,8,9,10,15,16,25,27,29,49/03;1,3/04	44463	9	24/03	51621	9	20/03
43377	2	47/03	44187	2	5,6,9,13,25,27,39,44,48,50,52/03;2,6/04	44464	2	6,25,47/03	51641	4	32,34,40/03
43378	2	38/03	44192	1	46,48/02:1,18,23,39,43,44,48/03;1,2,5/04	44481	2	24,26,31,50/03	52031	1	6,21,48,49/03;7/04
43382	2	48/03	44193	1	1,7,15,18,43,48,50/03;5,6/04	51002	7	4/04	52039	4	5*,7,8,9,13,14,18,21,45/03
43384	1	48/02:4,5,6,7,10,11,12,13,15,16,17,18,23,25,26,27,32,44/03;2,5/04	44200	9	34,52/02:4,9,12,13,22,27,37,43,47,50/03	51007	22	38/02:7,27,33,40/03	52040	17	43,50/02:13,16,18,34/03
43385	1	45,48/02:5,11,13,20,23,24,26,42,46,49,51/03	44203	1	33,48/02:2,5,15,25,52/03;2/04	51013	4	38/02:7,21,33,36,45/03	52042	6	22/03*
43386	2	47/03	44204	1	48,52/02:2,4,5,7,12,13,27,50/03	51017	31	37/02:24,40,44/03	52043	21	46/02:6,7,48,50,52/03;1/04
44000	16	44/03	44205	2	48,52/02:2,5,7,12,15,19,22,26,27,29,31,39,43/03	51022	11	37/02:44/03	52045	6	36/02
44001	2	48,49/02:1,6,7,8,9,11,13,14,P20,23,26,50/03	44206	1	46/02:4,5,13,16,17,19,24,28,40,46/03;6/04	51027	8	45/03	52046	21	50/02:6,7,16,18,21/03
44015	8	48,49/02:6,7,8,9,10,11,13,14,24,26,40,44,47,50/03;1/04	44207	1	4,5,17,19,23,28,40,41,45,46,50/03	51032	10	45/03	52047	11	7,8,34/03
44030	7	46/02:4,8,9,13,19,48,50/03	44220	5	46/02:4,5,13,16,21,40,45,46,48/03;3/04	51082	7	5,7,13,15,17,21,22,45/03	52048	3	8/03
44036	5	13,16,17,20,23,28,30,32,52/03;5/04	44221	1	19,21,52/03;3/04	51100	7	1,6,7,8,9,14,27,33,34,41/03	52051	1	43/02
44037	5	16,22,52/03	44223	1	6,13,21,24,48/03	51103	10	33,45/02	52052	1	43/02
44038	5	46/03	44224	1	49/02:5,20,21,24,42/03;3/04	51104	1	33,45/02	52054	1	14/03
44040	23	44/02:6,10,13,16,17,20,22,23,24,28,30,32,44,52/03;1,5,6/04	44240	8	49,50/02:4,7,13,14,15,16,19,21,25,39/03;3/04	51109	5	5/04	52055	1	14/03
44041	7	48/02:1,9,10,13,16,20,23,28,52/03;3/04	44243	2	5/03	51120	6	6/03;4/04	52060	16	43,50,51/02:7,12,P20,26,29,34/03;6/04
44042	7	44,45,49/02:4,7,9,10,11,17,19,20,25,27,28,29,32/03	44260	7	2,5,6,13,21,48,52/03;5/04	51135	1	22,46/03;4,5/04	52061	2	45,48,51/02:7,12,20,P20,26,29,34/03;6/04
44043	8	44/02:1,6,9,10,11,13,16,52/03	44280	9	34,49,50/02:2,6,12,15,19,22,34,44,47,50/03	51142	2	6,13,15,22,33,40,45/03	52062	7	7,12,23,29,34/03;1,6,7/04
44044	6	6,10,13,16,44/03	44281	2	49/02:12,15,19,21,22,27,45,49,50/03	51143	4	6,40,45/03	52066	3	50/02:14,16/03
44045	6	22,44/03;5/04	44282	1	49,50/02:13,17,19,21,26/03	51145	2	42/02:13,22/03	52080	14	50,51/02:4,7,10,11,12,14,20,P20,26,48,49/03;5,7/04
44046	10	22,24/03;1,6/04	44283	2	50/02:8,21,43,45,49,50/03	51146	3	42,52/02:5,36/03	52082	3	45,46,48/02;11,12,20,P20,26/03
44047	22	44/02:10,12,22,24,30,31,32,40,48/03	44284	2	41/02:6,42,44/03	51150	1	50,51/02:1,13,15,22,33,40,46/03	52083	2	45,46,51/02:1,16,46,48/03
44048	11	5,12,18,22,25,27,31,40,48/03	44285	1	2,15,40,44,47/03	51154	3	50,51/02:13,15/03;6/04	52084	2	45,46,51/02:1,16,46,48/03
44049	9	44,46,50/02:8,14,22,24,30,31,40,48,50/03;1,2/04	44286	1	2,27,40,47/03	51155	1	50,51/02:1,15,22/03	52085	3	50,51/02:4,11,16,46/03
44050	21	20,31,32/03	44310	5	41,42/02:7,37,50/03	51158	2	6/03	52086	2	45,50,51/02:1,4,9,11,14,36/03;5,7/04
44051	1	44,48,50/02:1,11,14,22,25,26,27/03;1,2/04	44313	1	41,47/02:36,37,39,40/03	51159	3	47/02:39/03	52087	1	51/02:6/04
44057	5	29,30/03	44319	2	41,42/02:4,6,9,10,P20,26,27,28/03;2/04	51160	20	48,50,51/02:1,4,5,6,7,14,15,21,22,45/03	52088	2	45/02:4,10,11,12,14,18,18/03
44061	21	24,32/03;1,6/04	44320	4	6,8,9,15,P20,25,26,37,49,50,51/03;2/04	51163	4	4,43/03	52089	1	51/02:6/04
44062	8	28,40/03;1/04	44321	6	40/02:6,8,44,45/03	51164	18	38,45,46,50/02:2,4,8,43/03;5/04	52092	1	46,51/02:16,48/03
44063	8	17/03;1/04				51165	8	45,50/02:2,4,8,10,14,16,39/03;5/04	52120	12	51/02:6,11,16,18/03;6/04
44064	19	22,28/03;1,6/04				51166	3	N45/02:N39/03	52121	8	45,46/02:1,6,8,11,16,23/03
44065	7	42/02:16,17/03;6/04				51167	6	45,50/02:2,4,8,10,16/03;5/04	52122	14	45,46/02:1,6,8,11,16,23/03
44066	10	39/02:31/03;6/04				51168	2	45,46,50/02:2,4,8,45/03	52124	1	51/02:6/04
44067	22	16,17,28/03;6/04				51180	5	13,16/03	52141	5	48/02:41,44,46,49/03
44068	11	44/02:10,11,13,40,51/03				51200	4	14/03	52142	2	12,18,23,29/03
44069	16	11,13,17,22,23,40/03				51220	8	33/02:18,43,45,46/03	52143	8	18/03;7/04
44070	7	28/03				51222	6	51/02:16/03	52144	5	50/02:3,7,8,10,14,16,18,21,23,47/03;7/04
44071	4	29/03				51223	2	17,18/03	52160	7	50,52/03
44072	4	40/03				51240	2	33/02:43,46/03	52161	14	6,11,14,52/03
44075	4	42/02:13,23,40/03							52162	2	14/03
44076	3	22,28,30,32/03							52170	3	14,16,42,52/03
44081	9	39/02:9,13,46,48/03							52172	2	40/02:1,52/03
44082	11	9,33/03							52180	14	42,43,51/02:1,8,10,13,15,16,50/03;6/04
44083	8	9,11,24,25,26/03							52183	9	52/03
44084	1	6,11,26/03							52200	8	7,17/03
44085	2	51/03							52220	7	27/03
44100	7	44/02:2,9,11,12,13,22,31,40,41,46,48,49,51/03;6/04							52223	4	27/03
									52240	9	27/03
									52262	6	4/04
									52263	5	4/04
									53011	2	51/02:7/04

CHARTS AFFECTED BY NOTICE TO MARINERS
 NM 33/02 THROUGH NM 7/04

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
53031	1	39,48/02;5,12,14,24,31,49/03;6,7/04	53311	3	39/02;37/03	54413	3	37/03	56044	3	38/02
53058	2	4,37/03	54040	3	37/02;6,10,20/03	54416	5	33,37/03	56060	9	27*,38/03
53060	14	51/02;4,5,9,10,12,14,31,36,39,44/03;6/04	54041	7	35/02;4,8,16,17,24/03	54417	1	30/03*	56063	1	16/03
53061	10	44,47/02;12,16,17,38,44/03	54043	2	17/03	54418	4	43/02;3,7,16,30,37,49/03	56064	6	38/02;2,16/03
53062	13	1,14,16/03	54060	5	37/02;16,03;6/04	54419	2	3/03	56065	3	33,38/02;16,38/03
53063	9	33*,37/03	54061	11	52/02;42/03	54421	6	47/02;36,41,43,46,49/03	56067	3	48/02*;20,38/03
53064	6	33/02;10,20,39/03	54063	3	1,13/03	54422	4	46/03	56081	19	41/02;5/04
53065	2	33/02;39/03	54081	3	10/03	54423	5	48/02*;17/03	56082	16	29/03
53066	2	33/02;20,39/03	54085	2	40/02;15,24,42/03	54430	1	37,43/02;36,43/03;2/04	56100	14	33/03*
53081	8	4,5,11,16/03	54090	3	46/02*;11,15,19/03;6/04	54440	4	41/02;17,38/03	56101	6	33/02;1/03;5/04
53082	13	40/02;7/04	54095	3	46/02*;8,15,30,42/03	54441	6	42/02;2/03	56102	23	1/03;5/04
53083	8	9,10,21,22,41/03	54105	3	46/02*;8,13,17,19,50/03	54462	5	17,51/03;4/04	56103	6	1,33/03;5/04
53084	6	51/02;14,16/03	54115	3	46/02*;15,30/03	54463	5	1/04	56104	3	22/03*;5/04
53085	6	51/02;14,16/03	54120	5	37,39,41/02;15,17,19/03	54464	5	17/03	56105	1	38/03*
53086	8	46,48/02;17/03	54125	3	46/02*;15,17,30,47/03	54480	8	36,41/02;2,17,21/03;7/04	56120	12	1/03
53087	9	48/02;17/03	54131	2	50/03	54481	8	36/02;33,43/03;7/04	57000	10	43/03
53088	7	33/02	54140	7	41/02;15,30,47,51/03	55001	4	36,37,42/02;14,15,28,29,33,35,36,39,43,44,52/03;6/04	57029	9	12/03
53089	4	21,22,23,41/03	54151	1	3,42/03	55040	4	39,41/02;16,20,21,35,36,39,41,42,50,52/03;6/04	57035	10	10,12,23/03;4/04
53090	1	41/02;50/03	54161	12	10,20,21/03	55041	7	21,43,49,50/03;2,5/04	57060	7	43/03
53093	2	41/03	54166	3	10/03	55042	1	42/02;17,35,37/03	57063	5	40,41/02
53100	16	33,39,42,51/02;6,10,13,18,20,21,24,31/03	54167	2	20/03	55043	2	37,39,42/02;37,52/03	57064	3	41/02
53101	7	33/02;8,13,16,24/03	54180	6	41,43,50/02;5,30,42,47,51/03	55044	5	41,43/02;16,42,52/03;1,2/04	57101	18	41/02
53104	2	35,42/02;20,24/03	54181	7	48/03*	55045	2	41/02;39,52/03;3/04	57103	2	16/03
53105	20	37/02;8/03	54195	2	5,51/03	55046	4	37,38,39,41,48/02;18,19,35,36,41,46,50/03;6/04	57120	13	43/02
53106	6	21,33/03	54200	4	5,8/03	55047	8	41,49,51/03;6,7/04	57140	10	43/02
53107	16	35/02;6/03	54201	6	8/03	55048	12	36,37,39,41,48/02;20/03;1/04	57141	14	43/02
53110	1	40/02;10,15,17/03	54222	4	43/02;20/03	55049	6	41,43/02	57142	6	43/02
53111	3	44/02*	54223	2	8/03	55060	7	36,37/02;28/03	57143	6	43/02
53120	14	39,42/02;5,6,7,13,17,31,35/03	54224	2	8/03	55061	1	28/03	57160	10	43/02
53122	3	40/02;7,8,16/03	54226	2	13/03	55062	5	28,33/03	57162	7	43/02
53123	3	7,29/03	54279	4	50/02*;2,15/03	55063	1	6,44/03	57164	2	43/02
53125	2	46,51/02;13/03	54280	10	5,15,22/03	55064	3	37,48/02;6/03	57165	1	43/02
53130	1	42,47/02;10,13,18/03	54281	1	51/02	55082	9	5,25,32,44,46,50/03	57170	1	43/02;52/03
53133	4	33*,45/03	54282	5	52/02	55084	7	39/02;39/03	57200	6	11,52/03
53135	2	51/02;7/03	54283	5	52/02	55085	9	5,31,33,36,39,46,50/03	57201	5	52/03
53141	5	34,51,52/02	54284	1	51/02;15,34/03	55088	9	5,31,33,36,39,46,50/03	57220	4	11/03
53147	3	36,39,42,51/02;6,7,10,13,17,20,35/03	54287	7	5,15/03	55100	8	36,37/02;6,28,29,33,34,39,43,44/03;6/04	57241	12	31/03
53160	14	51/02;3,6/03	54288	5	1/03	55101	4	7,25,32,34,38,39,42,43,46,50/03;2,4,6/04	57242	8	41/03
53161	8	51/02;3,8,13,18/03	54289	8	1/03	55102	3	4,5,15,25,32,36,43,46,50,52/03;2,6/04	57243	1	41/03
53162	7	50/02*;15/03	54302	1	21/03	55103	2	48/02;1,4,5,7,15,19,20,25,26,27,31,35,36,38,42,43,45,46,50,52/03;2,6/04	57245	1	41/03
53164	9	37,51/02	54318	3	1,14/03	55104	2	48/02;4,5,7,14,19,31,33,36,45,46,52/03;2,6/04	57260	3	23/03
53165	13	39/02;8/03	54320	4	48/02;1,24,25/03	55105	7	36,41,42/02;14,15,29,33,36,42,43,48,52/03;3/04	57261	2	23/03
53166	1	6/04	54321	2	25/03	55110	2	37/02;6,29,43,44,51/03;3/04	57262	4	23/03
53180	10	33,34,43,51/02;1,3,6,7,13,15,18,20,21,29/03	54322	7	1/03	55120	2	36/02;6,14,28,33,34,42/03;2/04	57381	12	52/02;15,16,23/03;4/04
53181	4	34/02;1,13,21/03	54329	4	5/03	55127	2	10,14,24,27,32,36,51/03	57400	4	12/03
53182	4	36/02;15,16/03	54332	3	25/03	55128	2	33,36,38/02;1,4,5,8,14,26,27,28,32,34,43,50/03;2,6/04	57408	4	12,24/03
53183	13	35/02;20/03	54333	3	25/03	55129	7	33,36,37/02;6,15,27,34,35,42,45,46/03;6/04	57420	3	12/03
53184	5	35/02;1,6,13,18,20/03	54334	3	5/03	55130	2	45/02;5,14,19,32,33,34,39,42,46,50/03;2,6/04	57460	4	10,12,29/03
53200	6	33,36,43/02;5,6,7,15,16,20,30/03;4/04	54335	3	24/03	55131	1	36,45/02;6,19,25,38,39/03;6/04	57471	3	12,15/03
53201	6	51/02;18,21,38/03	54339	8	12/03	55133	3	5,14,34,36,38,46/03;6/04	57472	2	12/03
53202	6	15,17/03	54340	8	48,51/02;3,4,24/03	55138	4	52/03;6/04	57488	6	24/03
53203	11	5/03	54341	4	23/03	55139	5	41/02;6/04	61000	20	10,15,23,27,31/03
53204	10	44/02;5/03;1/04	54343	10	48/02;4,5,11,12,13/03;6/04	55140	2	1,5,14,29,33,34,35,36,42,45,46,47,52/03;2/04	61020	2	27/03
53205	3	5,26/03	54344	6	48/02;24/03	55150	2	37/02;15,36,48/03;3/04	61036	8	7/03
53206	6	5,25/03	54346	8	11,12,13/03	55160	2	42/02;29,41,42/03;3/04	61040	6	10,31/03
53220	6	36,43,51/02;5,16/03;4/04	54347	4	51/02	55161	1	17,41,42/03	61050	4	10,15,31/03
53226	3	3*,17,18,35/03	54350	7	52/02;26/03	55170	2	36,41/02;46/03;6/04	61051	7	15,24/03
53242	12	52/02;1,13/03	54352	3	52/02;1,3,33,37/03;6/04	55180	2	42,45,46,47,52/03;2/04	61060	5	12,27,39/03
53244	2	1/03	54359	2	38/03	55190	2	6,20,27,39,40,51,52/03;2,3,6/04	61061	9	10,12,15,24/03
53262	8	1/04*	54360	12	52/02;20,21,34,50/03;6/04	55200	2	8,10,20,25,26,27,28,32,33,36,39,42,45,46,47,50,52/03;4/04	61070	4	9,39/03
53263	1	37/02;17/03	54361	10	38/03	55201	1	50,52/03	61071	9	18,39/03
53264	5	17/03	54362	3	52/02	56011	1	50,52/03	61080	4	9/03
53265	6	35,41,46,52/02;15,16/03	54363	3	21,50/03;2,6/04	56031	1	1,2,17,21/03	61090	5	12,27/03
53266	4	1,8,13,17/03	54364	2	52/02	56041	4	21/03	61091	5	12,18,24,27,35/03
53268	4	42/02;7/03	54365	6	36/02;11,21/03				61092	13	18,27,35,39/03
53269	5	17/03	54366	4	50/03				61100	4	10,12/03
53279	3	7,15/03	54369	4	52/02;20,21,34,50/03;2/04				61110	3	25/03
53281	4	40,52/02;15,18/03	54380	6	42/02;3,16,18,28,34/03				61111	12	25,27,34/03
53282	8	40/02	54382	9	16,28,40/03				61112	10	35/03
53283	4	33,52/02;40/03;6/04	54386	10	42/02;16,18/03				61141	6	38/02;35/03
53284	4	33,40/02;7,21,24/03	54387	7	42/02;16,18,30,39,42/03				61142	6	38/02;7,35,39/03
53285	4	35/02;7,15/03	54389	8	43,52/02				61180	4	38/03
53287	6	35,42/02;1,5,7,8,10,15,22/03	54400	8	43/02;3,16,22,30,36,37/03				61190	4	39,41/02
53290	1	35/02	54402	4	52/02				61204	5	13/03
53301	4	22/03	54403	4	43,52/02;24,30,36/03				61300	2	7/03
53302	4	51/02	54407	4	43/02;3,7,16,30,37,49/03				61310	2	33/02;7/03
53303	6	49,51/02	54409	2	7,8,12/03				61311	5	33/02
53306	2	39/02;31,43/03							61312	3	33/02

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 7/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
61542	6	41,46/03	62453	4	16*,50,52/03	63410	6	39/02;8,9/03	72000	8	35,47,50/02;2,20,21,23,24,27/03
61560	2	7/03	62455	7	39,43/02	63413	5	39/02	72007	10	36,38,47,51/02;2,5,7,11,27,50/03
61562	2	6/03	62457	6	11/03*	63417	2	39/02	72014	10	46/02;7,19/03
61581	5	28/03	62459	2	6,41/03	63420	2	39,45/02;8/03	72021	8	36,38,47,50,51/02;7,20,23,27,50/03
61582	4	28/03	62460	4	33/02;10/03	63424	2	45/02	72028	7	34/02;22/03
61591	4	28/03	62464	2	49,50/02;4/03	71005	1	34/02;2,6,12,13,16,23/03	72035	8	8,21,27/03
61610	7	34/03	62480	2	16*,18,32,41/03	71006	5	39/02;23/03	72045	2	8,27/03
61611	11	34/03	62490	2	16*,17,18,21,32,50/03	71009	3	39,46,48/02;1,6,7/03	72050	4	23/03
61612	4	34/03	62498	4	4,9,31/03	71012	3	33,39,46/02;1/03	72060	8	50/02
61650	3	12/03	62499	4	49,50/02;4,9,31/03	71015	4	23/03	72070	4	2,9/03
62000	20	46/02	62510	3	11*,12/03	71018	10	33,35,37/02;7,12,13,15,21,25,26,27/03	72075	2	9/03
62001	5	11*,28,50/03	62512	3	N11*,N12/03	71027	9	34,38,45,49/02;2,4,5,14,18,23,33/03	72080	7	51/02;2,9/03
62024	13	38,40/02;29/03	62520	6	20*,28,32,41/03	71033	31	37,38,49/02;3,12,14,15,23/03	72085	3	15*,50/03
62028	15	10/03	62521	4	N20*,N28,N32,N41/03	71036	8	35,44/02;12,14,23,26/03	72094	2	38/02;7/03
62032	16	11*,17,21,41/03	62530	6	20*,28,32,52/03	71040	5	34,42/02;7,47/03	72100	7	7,19/03
62033	3	N11*,N17,N21,N41/03	62531	4	N20*,N28,N32,N52/03	71042	1	34/02	72103	2	4,6,7,19/03
62046	3	19/03*	62540	6	34,40,45,48,50,52/02;8,12,17,18,21,30,35,43,50/03	71045	2	23/03	72105	2	36,38/02;7,11,19,50/03
62050	6	44/02	62541	3	N34,N40,N45,N48,N50,N52/02;N8,N12,N17,N18,N21,N30,N35,N43,N50/03	71058	2	36/02	72107	2	7,19/03
62092	7	41/02	62550	3	16*,28,32,52/03;5/04	71059	1	36/02	72109	3	42,44/02
62093	7	41,49/02	62560	4	16*,18/03;5/04	71061	15	36/02	72130	4	46/02
62095	3	11*,32/03	62570	4	33,34,36,40,45,48/02;8,12,17,18,30,35,37,43,50/03;1,5/04	71066	1	39/02;6,7,10,24/03	72131	3	11/03
62097	6	38/03*	62572	1	50/03*	71081	3	21/03	72161	10	10/03
62098	7	33/03*	62580	3	33,45/02;12,35/03	71091	4	1,2/03	72181	2	36/02;7,11,50/03
62100	6	P23,26/03	62584	2	7/04	71140	6	33,39,46/02;1/03	72190	2	10/03
62110	9	P23,26/03	62590	2	36,40,46,48/02;8,12,17,18,21,23,30,37,43,50/03;1/04	71180	29	33,37/02;7,12,13,15,21,23/03	72201	6	43/02;5,8/03
62140	1	34,40/02	62591	3	N36,N46,N48/02;N8,N12,N17,N18,N21,N23,N30,N37,N43,N50/03;N1/04	71185	24	7,13,15/03	72223	8	27/03
62142	10	32/03	63000	13	48/02;40/03	71186	2	7/03	72231	8	21/03
62143	3	32/03	63005	18	16/03	71210	18	44/02;3,23,27/03	72234	2	18,19/03
62170	2	38/02	63010	14	52/02;44/03	71211	4	38/02	72236	1	9,12/03
62171	4	38,47/02	63015	11	38,40,52/02;9/03	71212	1	38/02	73000	9	40,52/02;10,20,21/03
62188	3	50/03	63020	15	4,9,11/03	71230	11	38/02;6/03	73002	4	5,11/03
62191	15	11*,15,28/03	63040	2	46/02;52/03	71241	10	6,12,16,20/03	73004	4	10/03
62194	8	36/02;4/03	63050	2	46/02;45/03	71243	5	15/03*	73008	8	11,13,23/03
62195	7	19/03*	63053	4	39,45/03	71247	18	5,6,8,14,17,21,22/03	73012	6	11/03*
62220	9	21/03*	63055	2	39/03	71248	2	N51/02*;N1/03	73014	10	48,52/02
62222	5	19/03*	63060	7	45/03	71249	2	35/02	73016	4	44/02
62225	3	37/02;17/03	63062	7	7,16,18,37,44,50/03	71251	11	35,40/02;1,15,21,50/03	73020	9	9,21,22/03
62230	2	50/03	63063	9	20/03	71253	10	35,40,42/02;5,6,7,13,14,16,17,21/03	73024	3	39/02
62241	10	9/03;5/04	63065	6	44/03	71255	6	28/03*	73030	4	22/03
62242	11	47/02;9/03	63070	3	16/03	71257	2	5,6,7,12,13,16/03	73032	4	9,22/03
62250	4	34,38/02;32/03	63078	5	48/02	71258	2	35/02;5,6,7,13,22/03	73041	2	5/03
62270	4	37,41/02;29,32/03	63080	8	15,30,40/03	71259	3	15*,17,19,44/03	73191	3	7/03
62271	5	37,41/02;10/03	63090	4	39,48,52/02;9/03;5/04	71261	8	35/02;2,16/03	73271	7	13/03
62290	3	37,41/02;10,21,P23,26/03	63100	2	44/02;30/03	71262	7	6,33/03	73552	4	34,45/02;1,7,9,10,38/03
62295	3	21,P23,26/03	63101	15	15,30,40/03	71265	3	46*,49/02;7,13,15,16,20/03	73570	7	34,45/02;1,10/03
62302	2	4/03	63102	19	15,30,40/03	71271	10	34,52/02;19/03	73580	4	52/02;43/03
62310	2	29/03	63103	17	15,16/03	71272	10	34/02;19/03	73581	4	52/02;3,43/03
62330	2	38,40/02	63110	4	40/02;16/03	71273	2	51/03	73590	6	47,52/02;36,43/03
62340	3	38/02	63111	9	48/02;9/03	71275	3	35/02;2,6,16,19,33/03	73601	3	34,35,47/02;43/03
62343	3	8/03	63112	2	44,48,52/02;8/03	71281	7	51/02;34/03	73631	4	36,46/02;1,17,40/03
62350	3	10/03	63120	5	48/02;5,8/03	71285	3	34,52/02;13,19/03	73640	5	36/02;16,40/03
62355	6	8,29/03	63200	5	52/02;30/03	71295	2	34,39,40,52/02;12,19/03	73650	5	40/03
62360	5	38/02;12/03	63201	9	40/02;30/03	71305	2	34,36/02;2,13,23/03	73653	1	40/03
62361	2	N38/02;N12/03	63205	2	30/03	71311	4	7/03	74000	6	36,47/02;2,7,18,41/03
62366	4	33/03*	63210	3	45,52/02;16,30/03	71313	8	45/02	74002	2	35,47/02;31/03
62391	5	33/03*	63220	5	45,52/02	71314	5	6,10/03	74003	5	47/02;7,10,31,34/03
62393	7	34,37,50/02	63230	6	45/02	71315	2	34/02	74004	2	35,37,39,47/02;9,30/03
62394	10	34,37,50/02	63231	8	45/02	71320	1	35/02;5,14,33,38/03	74005	2	34,35,46,47,51/02;4,7,9,16,27,30,38/03
62395	3	25/03*	63232	2	9,49/03	71325	8	5/03	74007	1	36/02;46/03
62400	17	33/02;4,9,31/03	63240	4	19/03	71330	13	35/02;5,33,38/03	74008	6	51/02
62401	9	6,10,41/03	63250	6	40/02;11/03;5/04	71331	11	5,7,8,33,38/03	74009	10	38,49/02;8,9,21,36,44/03
62402	10	10/03*	63252	1	33/03	71333	2	6,7,33/03	74012	10	37,40,49/02;6,8,19,20,27,36,37/03
62404	3	6/03	63260	5	5/04	71335	2	8,38/03	74015	10	40/02;21,31,36/03
62405	8	43/03	63271	8	52/02;8/03	71340	11	40,46/02;2,4,5,6,7,33/03	74016	3	27,42,48/03
62406	2	33/02;28/03	63290	7	38/02;10,22/03	71343	3	7/03	74017	4	37,45/02;18,31,38/03
62408	7	10/03	63291	9	33/02;16/03	71348	3	35/02;7,23/03	74018	6	44/02
62409	6	7/03	63310	5	11/03	71349	2	23/03	74020	4	33,37,38,43/02;5,18,31,38/03
62411	1	52/02	63320	8	37,49/03	71400	5	14,23/03	74021	7	33,35,39,44/02;7,10,26,31,35/03
62412	12	52/03	63321	2	9,49/03	71401	1	40,46,51/02;5/03	74024	7	44/02;36,49/03
62413	12	28*,50,52/03	63322	2	9,49/03	71402	1	40,46/02;4,5,6,33/03	74027	9	43,44/02;39/03
62417	1	52/02	63330	9	39/02;4/03	71410	1	39/02;12,23/03	74030	6	51/02;42/03
62419	6	33/02;8/03	63337	15	39/02;4/03	71420	1	38,39/02;3,12,14,23/03	74051	2	42/03
62420	5	33,37,39/02;8,52/03	63370	1	20/03	71445	1	7/03	74053	2	51/02
62429	9	39,43/02	63400	1	39/02;8,11/03	71450	1	7/03	74151	9	36,44/02;2,20,29,40,41/03
62431	8	37/02				71455	2	11*,23/03	74152	11	36,44/02;27,30,34/03;1/04
62432	17	50/03*				71460	1	41/02;23/03	74153	2	36,44/02;2,27,41/03;1/04
62433	12	34,45/02;1/03				71470	2	38/02;14/03	74162	4	36,46,47/02;8/03
62434	9	40,46,52/02;8,12,17,18,21,23,43,50/03;1,4,5/04									
62437	10	30*,32,35,37/03;5/04									
62439	4	1/03									
62440	8	16*,41/03									
62441	10	36/02									
62442	6	24/03									
62446	3	43/03									
62451	7	5/04									

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 7/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
74171	4	33,36,47/02;3,10,18,20,40/03	74493	3	38,43,45/02	76015	1	35,40/02;28,45,52/03;3/04	91297	9	19/03
74172	5	36,47/02;7,10,18,40/03	74494	2	41/02;8,9,16/03	76030	9	49/02;52/03;3/04	91300	3	46/03
74181	8	33,35,37,38,39,47/02;10,34/03	74510	2	33,35,37/02;5,10,17,18,35,38/03	76040	8	47/03	91331	3	42/03
74182	12	33,35,37,38,39,41,42,44,51/02;6,10,17,25,34,38,39,40,41,42,49/03	74515	4	33,35,39/02;4,7,10,31,35/03	76050	8	49/02;18,28,52/03	91340	3	42/03
74183	11	38,39,42/02;4,6,17,25,38/03	74517	3	39,41/02;4,31/03	76052	8	4,5,28/03	92006	5	45,46/02;5/03
74184	10	33,35,37,38,46,48/02;17,34/03	74521	3	41/02	76054	5	49/02;52/03	92025	3	42/03
74186	7	34/02;4,10,17,21,27,30,36/03	74523	3	44/02;36,49/03	76056	3	9,37/03	92030	4	42/03
74190	7	35,36,37,46/02;1,16,31,34,39/03	74530	2	42,44,48/02;36,38,49/03	76060	7	40/02;52/03	92033	5	45/02
74191	2	35,46,48/02;1,7,9,29/03;5/04	74535	2	40/02;18,32/03	76061	3	40/02;9,52/03	92150	3	43/03
74192	3	35,46/02;1,40/03	74545	3	40/02;18,32/03	76070	9	35/02;28,45,47,51/03;3/04	92160	3	43/03
74200	8	37,46/02;1,8,32,40/03	74550	4	5,32/03	76071	9	35/02;28/03	92170	3	43/03
74201	9	32/03	74555	3	34,43,44,48,51/02;5/03	76080	8	1,18,47/03	92290	2	19/03
74202	3	1,7,27/03	74560	10	40,43,46,48,50/02;4,5,18,31,32/03	76081	7	28,37/03	92296	3	19/03
74204	5	37/02;1,7,8,32,40,46/03	74561	2	5/03	76083	3	1,37/03	92410	3	42/03
74205	2	27,32,35/03;1/04	74581	9	34,36,40,41,43,45/02;27,31,39,48/03	76120	6	45/03	92450	3	42/03
74206	2	34/02;27,32,35/03	74582	9	40/02;17,20,27,31,39,48/03	76121	8	47/03	92560	4	45/02
74210	7	7,17,37,46/03	74583	15	34,40,43,44,48/02;38,48/03	76140	7	46/02	93006	2	39,45/02;4,8,10,43,44,48/03
74220	8	35,47,51/02;30,37,46,50/03	74584	5	34,41,43,45/02;26,27,36,38,39,48/03	76141	8	46/02;28,37,45,52/03	93010	6	38,40,41/02;2,13,14,18,24/03
74221	2	35,51/02;30,38/03	74590	2	51/02	76142	1	46/02;37,45/03	93018	8	1,14,18,24/03
74229	2	33,37,43,47/02;18,26,50/03	74591	7	40/02;8,38/03	76144	1	28/03	93020	2	38/02;4,13/03
74230	7	39,42/02;5,7,36,46,50/03	74595	2	42/03	76146	1	28,45/03	93025	5	45/02;45/03
74231	7	35/02;3,21,36,50/03	75000	6	47/02;6,31/03	76147	1	28/03	93030	6	45/02
74232	9	5,7,21/03	75001	3	47/02;5,6,31,32/03	76150	6	35/02	93032	3	45/02;24/03
74234	1	8,17/03	75010	7	41,42,50/02	76160	4	28/03	93043	1	45/02
74240	8	34,39,42/02;4,5,7,8,9,41,46/03	75012	9	36,39/02;2,4,8,25,27,36,38,39/03	76161	10	40/02;47/03	93046	1	45/02;5/03
74251	8	34,37,42,44,46,51/02;6,9,17,21/03	75035	18	36,39/02;2,6,26,27/03	76162	1	18,28/03	93047	2	45,49/02;24/03
74252	9	47/02;5,7,9/03	75051	6	5/03;5/04	76170	7	28,52/03	93048	1	35,49/02;5,14,33/03
74253	6	47/02;8,9,16,20,21,30/03	75110	2	50/02	76180	1	28/03;3/04	93049	1	45/02;4/03
74261	9	41,49/02;4,10,30,39/03	75120	2	42/02	81004	3	37*,43/03	93061	4	45/02
74265	2	38,41,43,47,49/02;7,9,16,21,30/03	75130	16	34,41,50,51/02;5,7,8,16,19,25,26,37/03	81048	9	52/03*	93101	2	N34,N38/02;N2/03
74270	3	38/02;7,38/03	75131	7	17,19,25,29,32,35/03	81054	14	52/03*;7/04	93110	2	38,40,41/02;1,2/03
74271	9	38,46/02;19,26,27,29,30,38/03	75132	11	33,51/02;5,19,29,37,45/03	81060	2	43/03	93115	2	40,41/02
74272	7	4,19,29,30/03	75134	3	36,42,50/02;35/03	81063	5	47/03	93117	2	40,41/02
74273	5	38,41,43/02;7,19,27/03	75142	5	33,36,42,51/02;4,10,18,25,30,38/03	81067	6	46/03*	93160	4	34/02;1,14,24,47/03
74281	7	3,30,52/03	75143	4	50/02;16,19,26/03	81076	10	41*,44/03	93180	7	34/02;47/03
74283	2	46,49/02;27,52/03	75160	6	17,18,19,25,32/03	81092	3	38*,50/02;32/03	93220	6	34/02;47/03
74285	2	34,35,45/02;1,9,16,38,50/03	75170	12	38,39/02;8,25,38/03	81711	6	31/03;1/04	93240	11	34/02;16,24,47/03
74286	2	29,35/03	75171	22	33,36,38,40,42,48,52/02;1,6,16,26,35,38,40,44/03	81715	4	31/03;1/04	93241	9	8,16,25/03
74287	2	34,38,52/02;9,47/03	75172	5	39/02;49/03	82005	5	17/03	93243	6	42/02
74289	5	9/03	75173	9	33,36/02;1,6,20,26,35,38,40/03	82010	6	17,39/03	93244	7	16/03
74290	11	34,39,45,46,48,49,51/02;1,7,9,10,16,27,30,38,50/03	75175	9	33,38,40,45,50/02;6,18/03	82015	13	39/03	93245	6	16,24/03
74292	8	34,38/02;9,27,52/03;1/04	75176	9	42,50/02;25,26,32,40,44/03	82020	7	39/03	93260	8	7,18,47/03
74293	7	34,45,48/02;9,16/03	75177	7	38,48,50,52/02;6,26,38/03	82192	6	43/03	93261	5	7,47/03
74294	3	34,45/02	75180	2	8,25,38/03	82200	2	17,41/03	93280	4	18/03
74295	3	4,9,27,29,35/03;1/04	75185	2	47/02;8,36/03	82210	2	42,48/02	93360	5	38/02
74296	4	34,38,49/02;9,27,52/03	75190	2	47/02;25,36/03	82215	2	41/03	93520	13	45/02;15/03
74320	3	35/02;8,18,41,43/03	75191	6	37,38,43,47/02;8,19,30,34,36,38/03	82242	1	35,48,50/02	93610	3	44,45/02;6/03
74340	3	16/03	75193	6	49/02;1,5,7,10,16,19,35/03	82244	5	35,42,48/02;20,39/03	93650	2	44/02;6,24,28,49/03;2/04
74350	4	16,44/03	75207	2	36,52/02;4,16,33,37,43,49/03	82253	7	35,48,50/02;20,39/03	93652	2	3,6,24,49/03;2/04
74376	5	43/02;9,16,44/03	75208	2	50/02;30,33/03	82280		N39/03	93680	3	45,47/02;24/03
74380	4	8,9,26/03	75213	2	36,52/02;33,38/03	82646	2	33/02	93690	2	44/02;6,45/03
74391	3	26/03	75215	2	36,39,40,52/02;7,33,38/03	82649	5	33/02	93698	3	45/02;28/03;6/04
74392	7	39/02;25,49/03	75220	12	36,39,49/02;4,20,26,39/03	82683	4	33/02;17/03	93710	3	6,15,43,52/03
74393	9	38,41,50/02;3,39/03	75222	8	35,40/02;1/04	82684	3	33,38/02;7/03	93720	10	39,45,50/02;8,15,17,20,24,28,42,43,44,48,49/03
74394	2	41,49,50/02;3,39/03	75241	6	34,36/02;26,35/03	82689	3	38/02;17/03	93721	5	39,42,45,50/02;4,11,17,20,23,25,40,41,43,44,45,46,48,49,50,52/03;1,4,7/04
74410	3	38/02;7/03	75251	5	33,48/02;3,19,37,40/03	82697	6	38,46/02	93725	6	45/02;24,49/03
74415	1	39/02	75261	6	33,36,48/02;3,6,26,31,38/03;1/04	83010	6	6/03	93726	4	48/02;8,12,17,45,50/03
74420	3	45/02;19,27,30/03	75262	6	38/02;16/03;1/04	83020	8	24/03	93730	3	39,40,42,45,47,50/02;2,4,17,24,28,31,41,42,43,46,47,48,49/03
74430	2	49/02	75263	9	5,26,31/03;1/04	83021	1	43/02	93733	13	39,45/02;4,19,20,25,40,41,44,45,47,48,52/03;1,4/04
74440	3	39/02;2/03	75264	17	33,34,37,41,42,44,45/02;2,27,32/03;1/04	83025	4	43/02	93734	12	51/03*;4/04
74450	3	49/02;2,37/03	75265	2	6,20,31,32,38,40/03	83025	1	12,45/03	93736	22	41/02;4,20,25,40,41,45,46,50/03;1,4/04
74455	3	48/02;1,4,38,49/03				83026	32	41/02;6/03	93778	8	47/02;7/03
74460	4	37,40,46,49/02;6,20,37/03				83039	11	41/02;6/03	94004	6	33,37,44,52/02;8,9,10,12,17,18,42/03;6/04
74465	2	9,36,38/03				83251	2	2,12/03	94016	2	33,35,52/02;3,9,10,14,17,21,33,47/03
74470	2	8/03				83252	8	2,12/03	94028	7	40,42,52/02;1,6,7,8,9,11,14,17,21,24,27,31,33,40,51,52/03;1,4/04
74475	2	44/02;42,48/03				83253	2	12/03	94033	5	19,21,23,29,42,44/03;2/04
74480	2	44/02				83397	6	1/03	94040	13	37,47,51/02;6,8,10,17,18,28,31,43,51/03
74485	3	43/02				83425	6	35/02;3/04	94042	9	47,51/02;7,18,24,43,45/03;4/04
						83473	7	37/03			
						83484	10	23,42/03			
						83574	2	7/03			
						83580	2	8,45/03			
						83590	1	45/03			
						91005	6	45/02;19,42/03			
						91008	1	44,48/02;8,10,12/03			
						91010	6	48/02;10,12/03			
						91020	5	19,46/03			
						91025	8	46/03			
						91030	3	42/03			
						91170	2	38,41,44/02			
						91175	2	6/04			
						91280	7	19,43,46/03			
						91289	19	43/03			
						91294	8	19/03			

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 7/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
94060	10	33,37,46,47/02;7,8,10,12,14,15,18,24,31,42/03	95087	3	33,40,48/02;1,8,30,31/03;1/04	95276	4	1/04*	97140	17	33,37,39,43,45/02;7,9,14,16,25,40,44,45,46,49,52/03
94061	5	33,35,47/02;23,41,42,52/03	95100	12	38,39,43,44,45,46,47,50,52/02;1,4,6,7,8,9,10,17,23,25,27,28,29,31,37/03;4/04	95280	9	48/02;8,20,26,52/03	97141	5	40,46/02;8,13,20/03;6/04
94063	4	33,41/02;8,18/03				95281	15	7,10,14,36,45/03	97143	11	43,45/02;9,13,20,25,26,44,49/03;6/04
94067	10	33/02;10,11/03				95282	7	46,52/02;4,6,9,19,20,22,23/03	97144	14	44* 46/02;7,8,9,13,20,39,44,49/03;6/04
94080	7	33,44,48/02;10,19,22,32,51/03	95101	8	39,44,50/02;1,5,6,9,14,17,28,31/03	95285	3	18,20/03	97145	1	43/02;8,9,25,40,45,47/03
94082	8	44/02;8,19,22,51/03	95102	8	38,42,45,46,47,48,50,52/02;1,4,5,8,13,14,17,23,25,27/03;1/04	95300	5	45,48,52/02;44/03;2/04	97146	10	44/02*;15,39/03
94083	12	44/02				95320	15	35,38/02;20,21,26,33,40/03	97148	9	45/02;9,27/03
94120	6	33,38,48,52/02;9,10,17,18,21/03	95103	8	42,43,45,47,52/02;4,6,7,10,12,19,27,28,31/03	95341	8	42,47/02;1,10,40,44/03	97149	20	34,35,44,45/02;1,16,25/03
94122	7	40/02;35/03				96016	7	51/03	97150	13	34,39,43,44/02;20,27,42,49/03
94123	9	33,38,42,44,52/02;9,10,15,17,18,28/03	95120	7	42,43,52/02;1,4,14,21,26/03	96020	4	41/02	97151	16	35,44,45/02;12,13,14,16,20,25,49/03
94124	13	38,42,44/02;10,15,17,25,28/03	95138	8	45,46,48,49,50,52/02;8,16,17,19,23,24,25,27,28,30,35,36/03	96032	3	38/02;34,51/03	97152	9	1*/6/04
94127	2	33,38/02;6,9,13,16,18/03				96036	2	36/03	97153	8	52/03*
94160	7	33,38,44,46,47,50,51,52/02;9,10,12,16,17,18,19,28,31,41,42/03;6/04	95140	15	38,40,41,44,48,49,52/02;1,7,8,9,10,17,21,24,25,27,29,33,35,37,51,52/03;4/04	96039	7	23,44/03	97154	2	36/02
94164	2	46,50,51/02;12,16,19,41,42,43/03	95141	8	45,47,50,52/02;1,6,7,8,17,19,21,23,25,29,37,51/03;4/04	96041	11	39,44,45/03	97155	14	35,36,37,39,40,48/02;12,13,18,20,28/03
94165	4	50/02;18,24,43/03				96042	11	10,21,39,40,44,45/03	97156	6	37/02;1,14/03
94180	9	42,44,47,50,51/02;23,28,44/03;6/04	95142	9	50,52/02;8,10,19,23,29/03	96044	10	23,38,51/03;2,7/04	97157	2	40/03*;1/04
94184	2	N51/02				96120	6	21/03	97158	5	50/03*
94187	3	14,23,36,45,46/03	95143	11	40,45,47,48,49,50/02;1,5,6,7,8,9,10,11,12,13,16,17,19,23,24,25,27,28,30,36/03	96120	4	51/03	97159	6	33,39/02;7,14,16,44,46,52/03
94188	2	44,46,47,51/02;8,28/03				96320	4	51/03	97163	14	14,36/03
94201	1	51/02;24,28/03				96340	4	45,51/03	97164	1	7,14,16,52/03
94203	10	41,42,44,46,47,52/02;10,11,24,41,42/03	95144	9	38,41,46,48,50,52/02;1,6,8,9,10,11,13,16,21,23,24,35,37/03	96340	4	45,51/03	97165	1	7,16,52/03
94206	3	41,42,44,47,52/02;11,19,44/03				96379	1	10/03	97166	1	33/02;21,46/03
94207	5	N42,N44,N47,N52/02;N11,N19/03	95146	14	36,38,39,40,41,44,46,47,48,50,52/02;1,8,9,16,21,23,24,25,27,28,31,32,35,37,48/03	96381	2	10,50/03	97167	2	33/02;21/03
94208	6	N44/02				96382	2	10,12,21/03	97180	6	34,39,43,45,46,48/02;4,8,13,20,22,26,44/03
94216	6	45/02;10,17,42,44,47/03;1,5/04	95147	13	39,41,44,45,46,47,48,49/02;1,5,9,19,23,25,28,29,31,32,35,36/03	96400	4	12/03	97181	20	34,46,48/02;1,4,7,8,12,13,14,17,18,20,22,23,26,27,35,44,46/03;1,7/04
94217	4	6/03;2,5/04				96441	1	41/02;10,50/03	97182	13	34,39,46,48/02;1,4,5,6,7,8,12,14,17,18,20,21,22,23,27,35,46/03;1/04
94218	3	36/02;6,18/03;2,5/04	95149	9	34,36,37,38,41,43,48,49,52/02;8,9,19,24,25,27,30,32,35,52/03	96480	3	41/02;51/03	97183	9	44/02;5,9,14,16,18,22,26,43,44/03
94219	1	47/02;46/03;6/04				96500	6	41/02;10,39/03	97184	15	47/02;1,7,12,14,18,22,39,44/03
94220	4	41,42,47,49/02;8,10,11,17,18,33,42,44,47/03;5/04	95151	17	34,36,37,38,40,47,50/02;1,5,19,23,28,29,30,37/03	96520	7	10/03	97185	2	43/02;1,7,46/03
94260	5	49/02;1,6,11,31/03	95152	5	37,38/02;6,9,19,28,30,31,32,35/03	96521	3	21/03	97187	3	44,48/02;9,18/03;2/04
94280	5	51/02;15,32/03				96540	5	10/03	97188	3	50/03*;7/04
94281	6	6,42/03	95153	2	34,36,37,38,43/02;19,25,32/03	96560	5	10,51/03	97189	2	44/02;9,14,18,22,39,43/03
94282	9	46/02;8/03;7/04				96580	3	10/03	97190	2	34,39,52/02;8,13/03
94283	7	46/02;2,8,12,32/03;7/04	95160	13	41,42,47,52/02;1,6,8,9,11,17,19,21,24,25,27,33,36,40/03;1/04	96620	3	38/03	97200	9	52/02;8,16,17,22,25,26,29/03
94290	2	1,7,31/03;7/04				96621	5	10,38/03	97201	7	18,28/03
94322	14	8,47/03;6/04	95161	16	40,45,48,50/02;1,5,6,8,9,10,17,19,23,25,27,30,37/03	96660	4	36/03	97202	15	43,44,52/02;20,25/03
94360	6	43/02;6,13/03;2/04				96760	4	35,45/02	97204	9	45,52/02;4,6,10,19,20,25,33,43,45,47/03
94361	13	13,15/03;2/04				96763	7	43,48/02;9,17,32,37,45/03;6/04	97205	3	18,28/03
94363	4	43/02;16,18,29/03	95162	2	40,44,47/02;10,14,19,30,35/03	96764	3	34/03*	97206	3	50/03*
94380	4	N5,N6,N18/03				96800	4	41/02	97218	3	41/02;6,33/03
94384	3	5/03	95163	2	1,6,9,10,13,14,17,21/03	96900	2	45/02	97219	4	6,9,13,20,23,25,47/03
94420	3	39/02;4,8,11,13,14,23,42,44,47/03;2/04	95164	4	43,48/02;1,6,9,27/03	96910	1	10/03	97220	3	37,39,42,43,44/02;6,8,9,17,18,23,29,33,46,49/03;6/04
94421	10	45/02;4/03	95167	10	44/02;1,6,9,11,14,17,21/03	96937	2	40/02	97221	20	37,39,42,44,45,49,52/02;6,8,9,10,13,17,18,19,20,22,23,25,26,29,33,46/03;6/04
94423	12	45/02;11/03				96938	4	4/03	97222	12	47/02;10,22,29/03
94440	2	46/02;18/03	95169	2	44,50,52/02;11,16,23/03	96939	3	4,7,9,22/03	97223	3	42,44,48/02;16,17,22,23,46/03
95016	8	40/02	95171	1	1,6,9,21,37/03	96941	8	47/02;47/03	97224	6	46,47,49/02;45/03
95040	8	40/02;11/03	95172	1	1,9,21,32/03	96943	15	44/02;1,9,10,12,20,22,23,33,42/03	97225	31	37,39,42,44,45/02;6,8,9,10,17,18,19,23,25,33,45,46,49/03;6/04
95041	7	23,50/03	95173	1	50,52/02;1,28/03	96944	6	45,52/02;6,13,20/03	97226	7	18,41/03;6/04
95060	13	40,43,44,47,48,52/02;1,6,11,14,17,19,21,23,29,31,33/03	95174	1	50,52/02;12,27/03	96945	3	43,52/02;20,22,23,42/03	97227	11	42,43/02;9,18,30,34/03
			95176	2	8,11,30,35/03	96947	15	6,12,13/03	97228	15	39,40,42,43/02;5,6,9,15,17,18,20,21,22,27,29,35,49,52/03;7/04
95065	5	48/02;10,31/03	95177	1	41,50/02;9/03	96948	8	21,22/03	97229	12	36,39,47/02;6,8,9,18,28,33/03
95066	11	41,43,44,47,48,49,50/02;1,5,6,17,19,21,23,25,27,31,32,33,37/03;6/04	95180	11	40,42,44,49/02;1,6,9,10,21,23/03	96949	21	45/02;22/03	97230	18	36,52/02;6,9,28,33/03
95067	13	41,44,46/02;1,5,10,17,23,28,37/03				96960	3	40/03	97231	11	41/02;6,23,33/03
95068	1	41,42,45,47/02;12,14,17,25,28,29,37/03	95185	2	40,44,49/02;10,35/03	96962	4	35/02;1,9,22,33/03	97232	9	7/04*
95080	13	33,40,44,45,50,52/02;1,6,7,9,10,14,17,19,21,24,25,27,28,30,31,32,48,52/03	95200	6	23/03	97000	3	17,40/03	97233	11	33,43,44,49/02;1,5,6,9,15,16,23,33,35/03;2,7/04
95082	9	33,44,46/02;1,4,7,11,17,25,27,28,30,52/03	95255	2	44/02;1,7,13/03	97005	9	47/03			
95083	8	33/02;1,4,19,28/03	95258	3	6,16,18/03	97021	7	40/03			
95084	7	50,52/02;8,12,17/03	95261	7	48/02;1,5,9,16,23,28,36,47/03	97029	3	40/03			
95085	4	45,52/02;1,6,11,12,27,33/03	95262	13	41,46/02;1,6,9,27,36/03	97040	5	43,47/02			
95086	5	45,52/02;1,6,8,11,12,23,27,31,33/03	95264	8	48/02;25/03	97041	9	45,47/02;10,12,22/03			
			95267	5	13,20,23,26,36,49/03	97042	7	14,20/03			
			95268	16	39,48/02;6,9,13/03	97043	2	14,20/03			
			95270	4	48/02;9,10,13,20,21,22,23,26,36,52/03	97060	8	46/02;12,14,22,26/03			
			95271	4	44,48/02;9,10,12,13,20,26,36/03	97061	3	52/02			
			95273	2	48/02	97062	12	44/02;6,10,22,26,34,35/03			
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CHARTS AFFECTED BY NOTICE TO MARINERS
 NM 33/02 THROUGH NM 7/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

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97345	2	50/03			
97360	6	38/02;5,7,13,18,27,43,45,47/03			
97380	7	39,47,52/02;1,2,8,16,23,38,40,45/03			
97381	7	7,13,27,43,45/03			
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SECTION II

NM 7/04

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.			Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date			
	REGION 2						
<u>24XHA24500</u> <u>(7642015143922)</u>	<u>Barranquilla</u> <u>10 50 00N 75 10 00W</u> <u>11 10 00N 74 30 00W</u>	<u>50,000</u>	<u>1</u>	<u>10/03</u>	<u>A</u>	2-38,39, 63	7/04
	REGION 9						
97BHA97232 (7642014014358)	Naruto Kaikyo	18,000	<u>9</u>	<u>10/03</u>	A	9-44	7/04
	MISCELLANEOUS CHARTS AND PUBLICATIONS						
LLPUB112 (7642014007537)	<u>Western Pacific and Indian Oceans Including the Persian Gulf and Red Sea, 2004</u>				GPO	10-22	7/04

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
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 DS Distribution Limited
 GPO Government Printing Office
 NOS National Ocean Service
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COAST PILOT 3 (Continued)

Page 297—Paragraph 94, line 1; read:

An overhead power cable with a clearance of 38 feet ...
(CL 1658/03) 7/04

Page 331—Paragraph 59, lines 3 to 7; read:

well-marked dredged channels. In March 2003, the controlling depths were 4.1 feet from Chesapeake Bay and 3.7 feet (6.3 feet at midchannel) from Tangier Sound; depths of 4.9 to 7.0 feet in the anchorage basin at Tangier with lesser ...
(BPs 181966-68; CL 1691/03) 7/04

COAST PILOT 3 36 Ed 2003 Change No. 26

Page 172—Paragraph 14, line 4; read:

74°00'06"W.), 88 feet above the water, is shown from an ...
(LL/03) 7/04

Page 203—Paragraph 79, line 15; read:

Entrance Channel Lighted Buoy 5, and a red sector ...
(14/03 CG5; LL/03) 7/04

Page 242—Paragraph 64, line 11; read:

of Sinepuxent Bay Daybeacon 1 in about 38°19'34"N., ...
(LL/03; 21/95 CG5) 7/04

Page 281—Paragraph 88, line 6; read:

(37°23'24"N., 76°11'24"W.), 52 feet above the water, is ...
(LL/03) 7/04

Page 281—Paragraph 91, line 7; read:

34 feet above the water, is shown from a platform with a ...
(LL/03) 7/04

Page 293—Paragraph 32, line 6; read:

(38°01'30"N., 76°19'25"W.), 39 feet above the water, ...
(LL/03) 7/04

Page 329—Paragraph 28, line 6; read:

the bar channel at Daybeacons 4 and 5; deeper waters are ...
(NOS 12226; LL/03) 7/04

Page 337—Paragraph 142, lines 10 to 12; read:

shoaling gradually to 2 feet at the head. In 1982-1990, a depth of 4 feet was reported between Light 2F and Light 5; thence in 1980, shoaling to 2 feet was reported between Light 5 and a point ...
(NOS 12270; LL/03) 7/04

COAST PILOT 3 36 Ed 2003 Change No. 27

Page 165—Paragraph 146, line 15; read:

bulletins, revising the course as needed. Detailed information on the vulnerability of North Atlantic ports to hurricanes may be found in the **Hurricane Havens Handbook for the North Atlantic Ocean** published by the Marine Meteorology Division, Naval Research Laboratory, Monterey, CA 93943 and available on the internet at <https://www.cnmoc>.

navy.mil/. Additional local information may be found in the individual chapters of this book.

(CL 637/01; Internet/04) 7/04

Page 201—Paragraph 63, lines 4 to 5; read:

water, is shown from a white tower with a red cupola and two white dwellings nearby on Cape May Point.
(51/03 CG5; LL/03) 7/04

Page 205—Paragraph 87, line 8; read:

of 30 feet. For purposes of INTERNATIONAL RULE 10, ...
(NOS 12214) 7/04

Page 205—Paragraph 90; strike out.

(NOS 12304) 7/04

Page 212—Paragraph 182, lines 14 to 17; read:

Fairton; thence in 1990-September 2003, shoaling to less than 1 foot to Bridgeton.
(BPs 181891-92; NOS 12304) 7/04

Page 233—Paragraph 73, line 6; read:

bridge at Mile 8.5 has a reported clearance of 133 feet, and an ...
(CL 1839/03) 7/04

Page 251—Paragraph 26, lines 11 to 15; read:
marking the channels.

(CL 1411/01; NOS 12254) 7/04

Page 301—Paragraph 135, lines 4 to 5; read:

south of the pier has depths of about 10 feet. Except in emergencies, ...
(50/03 CG5; LL/03) 7/04

Page 302—Paragraph 148, line 11; read:

entrance, has a clearance of 25 feet. In October 2003, a replacement fixed highway bridge was under construction with a design clearance of 44 feet. A rock awash is on ...
(CL 1766/03; 43/03 CG5) 7/04

**COAST PILOT 4 35 Ed 2003 Change No. 21
LAST NM 6/04**

Page 10—Paragraph 170, line 7; read:

operating 24 hours a day. (See Internet website: <http://www.weather.gov/>) Marine services are also provided...
(Internet/04) 7/04

Page 98—Paragraph 1117; read:

(a) The draws of the Christa McAuliffe bridge, SR3, mile 1.0, across the Canaveral Barge Canal need only open daily for vessel traffic on the hour and half-hour from 6 a.m. to 10 p.m.; except that from 6:15 a.m. to 8:15 a.m. and from 3:10 p.m. to 5:59 p.m., Monday through Friday, except Federal holidays, the bridge need not open. From 10:01 p.m. to 5:59 a.m., everyday, the bridge shall open on signal if at least three hours notice is given to the bridge tender. The bridge

COAST PILOT 4 (Continued)

shall open as soon as possible for the passage of tugs with tows, public vessels of the United States and vessels in distress.

(CL 1743/03; FR 11/19/03) 7/04

Page 275—Paragraph 38, lines 7 to 8; read: In September 2003, the controlling depth was 2.8 feet in the channel with 6.5 feet in the middle of the basin.

(BP 181861) 7/04

Page 286—Paragraph 190, lines 6 to 9; read: end of the bay to a boat basin at Swanquarter. In September 2003, the controlling depth in the entrance channel and in the basin was 7.9 feet. The channels through Swanquarter Bay are...

(BP 181923) 7/04

Page 305—Paragraph 88, lines 7 to 8; read: the Intracoastal Waterway; in September 2003, the midchannel controlling depth was 6.1 feet. Both channels are subject to...

(BP 181929) 7/04

Page 407—Paragraph 72, lines 6 to 10; read: marked by buoys. In July 2003, the controlling depth was 4.5 feet (6.3 feet at midchannel); thence in 1986, the midchannel controlling depth in Rockhouse Creek was 7 feet; thence in July 2003, the controlling depth was 12.0 feet to the ...

(BPs 181463-74) 7/04

**COAST PILOT 5 31 Ed 2004 Change No. 4
LAST NM 1/04**

Page 450—Paragraph 80, lines 5 to 6; read: drawbridge regulations). Severe tidal rips have been reported under the bridge. **Extreme caution is advised:** Water and current conditions at the Leeville Bridge may represent a hazard to navigation. Tide and other high water exchanges that may occur in the channel under the bridge pose the potential to create conditions that could cause vessels to lose adequate navigational control and impact the bridge or associated structures. Vessels traveling this waterway must be alert for high current conditions, the influence it may have on their vessel and the ability of the vessel to transit the waterway and under the bridge with power and steering capable of responding to possible high current conditions. The vessel operator must also report any incidents involving the vessel and any contact with the bridge or associated structures.

(CL 1781/03) 7/04

Page 494—Paragraph 193, line 14; read: **tables 161.12, 161.35(b), and 161.35(c).**
(NOS/03) 7/04

COAST PILOT 5 31 Ed 2004 Change No. 5
Page 119—Paragraph 1636, line 3 to Paragraph 1638; read: Notice (Entry (7) to Table 160.206).

(d) [Suspended]
(e) [Suspended]
(FR 5/22/03; CL 1105/03) 7/04

Page 122—Paragraph 1688, lines 8 to 12; read: of Canada by fax at 315-764-3235 or at 315-764-3200.
(FR 5/22/03; CL 1105/03) 7/04

Page 122—Paragraph 1689, line 4 to Paragraph 1694; read: Captain of the Port (COTP).
(d) [Suspended]
(FR 5/22/03; CL 1105/03) 7/04

Page 122—Table 160.206; item 8, read:
(8) [Suspended]
(FR 5/22/03; CL 1105/03) 7/04

Page 123—Paragraphs 1701 to 1703; read:
(c) [Suspended]
(FR 5/22/03; CL 1105/03) 7/04

**COAST PILOT 6 33 Ed 2003 Change No. 24
LAST NM 1/04**

Page 262—Paragraph 601, lines 6 to 14; read: range. In May-September 2003, the controlling depths were 15.9 feet (18.3 feet at midchannel) in the entrance channel through the mouth of the river (except for shoaling to 11.6 feet in the right outside quarter at the mouth and to the turning basin with gradual shoaling to 8 feet at the head of the project), thence 17 to 18 feet in the turning basin with lesser depths in the SW and NW corners. The channels in this harbor are ...
(DDs 4275-80; DDs 4729-31) 7/04

Page 358—Paragraph 221, lines 1 to 6; read:
In August-October 2003, the controlling depth was 25.1 feet (28.4 feet at midchannel) in the dredged entrance channel and through the outer harbor basin to naturally deep water in Pere Marquette Lake (except for shoaling to 16.6 feet in the right outside quarter of the entrance channel just NW of the end of the S breakwater and to 20.1 feet in the right outside quarter of the channel about 0.25 mile above the outer end of the S pier.) In 1997, depths of ...
(DDs 4710-11) 7/04

Page 359—Paragraph 247, lines 6 to 7; read: is subject to extensive shoaling. In August 2003, the controlling depth was 8.9 feet between ...
(DD 4543) 7/04

Page 360—Paragraph 259, lines 7 to 9; read: August 2003, the controlling depths were 24 feet (27 feet at midchannel) in the entrance, through the outer basin and between the piers to Muskegon Lake (except for shoaling to

COAST PILOT 6 (Continued)

21.3 feet in the right outside quarter of the entrance channel, just W of the end of the south breakwater.)

(DDs 4554-55) 7/04

Page 369—Paragraph 332, line 1 to Paragraph 333, line 3; read:

In May-October 2003, the controlling depth was 16.2 feet (21 feet at midchannel) in the entrance and through the outer basin to Lake Macatawa; thence in October 2002-October 2003, the controlling depths were 18.8 feet (21 feet at midchannel) to Superior Point, thence 16.3 feet (19.4 feet at midchannel) to just above the turning basin, with 16 to 18 feet in the basin, thence 12.5 feet (16.4 feet at midchannel) to the head of the project.

A dredged settling basin extends 900 feet upstream from the upper limit of the project in Macatawa River. In June 2003, the basin had depths of 3.6 to 6 ...

(DD 4253; DDs 4724-28; DDs 3700-3703) 7/04

Page 482—Paragraph 70, lines 5 to 6; read:

In July 2003, the controlling depths were 6.1 feet in the left outside quarter of the entrance channel with shoaling to bare in the remainder of the channel to the stilling basin, thence 5.6 feet through the stilling basin to the ...

(DD 4713) 7/04

Page 482—Paragraph 77, lines 5 to 6; read:

lights. In September 2003, the controlling depth in the channel was 12.6 (14.7 feet at ...

(DD 4715) 7/04

Page 486—Paragraph 133, lines 5 to 8; read:

respectively. In September 2003, the midchannel controlling depth was 5.2 feet in the entrance channel to the basin, thence 9 to 10 feet was available in the basin (except for lesser depths along the NE edge and W corner.)

(DD 4712) 7/04

Page 494—Paragraph 235, lines 3 to 6; read:

2003, the controlling depth in the W channel was 20.4 feet to Buoy 8 (except for lesser depths to 18.9 feet along the edges), thence 17.9 feet to the head of the project (except for lesser depths to 16.8 feet in the S corner.)

(DDs 4763-64) 7/04

COAST PILOT 6 33 Ed 2003 Change No. 25

Page 320—Paragraph 174, lines 6 to 11; read:

piers by lights. In August 2003, the controlling depths were 6.4 feet (7.1 feet at midchannel) from the bay to about 1.1 miles above the outer ends of the piers, thence 2.9 feet to the Route 23 highway bridge (except for shoaling to 0.5 foot in the left half of the channel just below the bridge.)

(DDs 4769-73) 7/04

Page 355—Paragraph 173; read:

In October 2003, the controlling depths were 21.1 feet (22 feet at midchannel) in the entrance, through the outer basin

and between the piers to the inner basin (except for lesser depths to 18.8 feet in the left outside quarter of the entrance channel just off the outer end of the N breakwater and to 10 feet in the right outside quarter of the entrance channel just off the outer end of the S breakwater), thence 16 to 18 feet in the inner basin (except for lesser depths to 12.7 feet in NW corner and to 13.4 feet in the NE corner), thence 9.9 feet in the anchorage area. In October 2003, the area N of the entrance channel in the outer basin had a depth of 20 feet with lesser depths to 13.3 feet in the SE corner and the area S of the entrance channel in the outer basin had a depth of 20 feet with lesser depths to 14.5 feet along the SW edge and to 16.6 feet in the E corner.

(DDs 4774-75) 7/04

Page 374—Paragraph 372, line 6 to Paragraph 373, line 12; read:

light. Turning basins are on the N side of the channel just below the junction with Paw Paw River and on the SE side of the channel below the Twin Cities Bicentennial Bridge. A canal extends through the mouth of the Paw Paw River and continues E to Riverview Drive.

In April-August 2003, the controlling depths were 17.8 feet (21 feet at midchannel) in the entrance channel and between the piers to the CSX Railroad bridge (except for shoaling to 8.7 feet in the right outside quarter of the channel, just NW of the Waterfront Marina entrance and shoaling to 15 feet in the right half of the channel just below the CSX Railroad bridge), thence 11.3 feet (15.4 feet at midchannel) to the junction with Paw Paw River, thence 8.5 feet (12.2 feet at midchannel) in the canal to the head of the project. The turning basin on the N side of the channel had depths of 11 to 14 feet and the turning basin on the SE side of the channel had depths of 6.5 to 11 feet. The canal and the area of the junction ...

(DDs 4544-46) 7/04

Page 497—Paragraph 290, lines 6 to 10; read:

2003, the controlling depth was 13.1 feet in the entrance channel to the inner basin (except for shoaling to 9.1 feet in the left half of the channel off the N end of the E pier), thence 6.2 feet in the E inner channel and 4.7 feet in the S inner channel. The S inner channel ...

(DD 4762) 7/04

**COAST PILOT 7 35 Ed 2003 Change No. 20
LAST NM 5/04**

Page 222—Paragraph 3993, line 9; read:
Makai Test Range during testing phases.

§334.1420 Pacific Ocean off Orote Point, Apra Harbor, Island of Guam, Marianas Islands; small arms firing range.

(a) *The danger zone.* The waters within an area delineated by a line joining the following positions:

Latitude	Longitude
13°26'03.9"	144°37'38.3"

COAST PILOT 7 (Continued)

13°25'26.0"	144°36'14.2"
13°24'51.2"	144°36'31.9"
13°25'28.7"	144°37'59.1"
13°25'43.2"	144°38'09.5"

(b) *The regulations.*

(1) The danger zone shall be closed to the public and shipping on specific dates to be designated for actual firing and no person, vessel or other craft shall enter or remain in the danger zone designated for firing except as may be authorized by the enforcing agency. Notification to maritime interests of specific dates of firing will be disseminated by the enforcing agency. On dates not specified for firing, the danger zone shall be open to normal maritime traffic.

(2) The regulations in this section shall be enforced by the Commanding Officer, U.S. Naval Station, Guam, Marianas Islands and such agencies as he may designate.

§334.1430 Apra Inner Harbor, Island of Guam; restricted area.

(a) *The restricted area.* The waters within Apra Inner Harbor and adjacent waters of Apra Outer Harbor inclosed by a line beginning at the northeast corner of a pier at latitude 13°26'32.1"N., longitude 144°39'02.8"E., and thence to the northern tip of a small island at latitude 13°26'40.2"N., longitude 144°39'28.1"E., and thence to the northwest corner of the point of land at latitude 13°26'28.1"N., longitude 144°39'52.5"E.

(b) *The regulations.*

(1) All swimmers and all vessels and craft except public vessels of the United States are prohibited from entering this area without prior permission of the enforcing agency.

(2) The regulations in this section shall be enforced by Commander Naval Forces Marianas and such agencies as he may designate.

(3) The water areas of the outer boundaries of the restricted area will not be marked but signs will be posted at the designated boundary coordinates to warn against trespassing in the restricted area.

(33 CFR 334; NOS 81054) 7/04

Page 300—Paragraph 161, lines 1 to 3; read:

Two radio ...
(CL 1676/03) 7/04

Page 468—Paragraph 81, line 5; read:

boats, both are 22 meters in length with white hulls and ...
(CL 1627/03) 7/04

Page 468—Paragraph 81, line 9 to Paragraph 82, line 2; read:

communication can be made by calling "Puget Sound Pilots" on VHF-FM channel 13.

Pilotage should be arranged between 0800 and 1700 at least 24 hours in advance of inbound ETA through the ves-

sel's agent, by direct ...
(CL 1627/03) 7/04

Page 470—Paragraph 121, line 14; read:
(48°19'06"N., 122°50'38"W.), 97 feet above the water is ...
(49/03 CG13; LL/03) 7/04

Page 472—Paragraph 163, line 1; read:
Ediz Hook Light (48°08'25"N., 123°24'08"W.), 60 feet ...
(49/03 CG13; LL/03) 7/04

Page 475—Paragraph 199, line 1; read:
Point Wilson Light (48°08'39"N., 122°45'17"W.), ...
(49/03 CG13; LL/03) 7/04

Page 479—Paragraph 247, line 6; read:
Patos Island Light (48°47'20"N., 122°58'17"W.), 52 feet ...
(49/03 CG13; LL/03) 7/04

Page 507—Paragraph 31, line 1; read:
Point Wilson Light (48°08'39"N., 122°45'17"W.), 51 ...
(49/03 CG13; LL/03) 7/04

Page 517—Paragraph 123, line 6; read:
(47°34'35"N., 122°25'14"W.), 39 feet above the water, is ...
(49/03 CG13; LL/03) 7/04

Page 548—Paragraph 395, line 4; read:
land. **Robinson Point Light** (47°23'17"N. 122°22'28"W.), ...
(49/03 CG13; LL/03) 7/04

Page 549—Paragraph 421, line 5; read:
Browns Point Light (47°18'22"N., 122°26'35"W.), 38 feet above the ...
(49/03 CG13; LL/03) 7/04

COAST PILOT 7 35 Ed 2003 Change No. 21

Page 10—Paragraph 171, line 7; read:
operating 24 hours a day. (See internet website: <http://www.weather.gov/>) Marine services are also provided ...
(Internet/04) 7/04

Page 315—Paragraphs 89 to 90; read:

Local Regulations

Tank Vessel Escort Regulations have been established by the State of California for San Francisco, San Pablo, and Suisun Bays. Tank vessel masters, owners, and operators are expected to be familiar, and in compliance, with Tank Vessel Escort Regulations. Failure to be in compliance may result in unsafe transits, transit delays, and fines. Excerpts from the regulations are below. The full text of the regulations can be found on the internet at www.dfg.ca.gov/ospr/organizational/msb/regulations/regulations.htm, or may be obtained by calling the California Office of Spill Prevention and Response 24-hour Communications Center at 916-445-0045. Tank vessel masters should contact their agent or ves-

COAST PILOT 7 (Continued)

sel manager/owner for additional information. The San Francisco Marine Exchange may also be able to provide mariners with additional information and can be contacted at 915-441-6600.

(CL 1598/03) 7/04

Page 315—Paragraph 97, lines 5 to 6; read: registered with the Clearing House.

(CL 1651/03) 7/04

Page 315—Paragraph 98, line 4; read: the tank vessel shall report to the Clearing House any ...

(CL 1651/03) 7/04

Page 315—Paragraph 98, lines 8 to 10; read: waters of the state. For purposes of ...

(CL 1651/03) 7/04

Page 316—Paragraphs 103 to 108; read:

(d) This subchapter (except for this Subsection 851.4(d)) shall not apply to tankers with double hulls, as that term is defined in 33 CFR 157.03, when the tanker also has the following:

(1) Fully redundant steering and propulsion systems to include:

(A) two independent propulsion systems each with a dedicated propeller, engine (or motor), electrical generation system, electrical system (including the switchboard), fuel system, lube oil system, and any other system required to provide the vessel with independent means of propulsion; and

(B) two independent rudders each with separate steering systems; and

(C) the propulsion and steering components, as described in Subsection (A) and (B) above, shall be arranged in separate spaces, such that a fire or flood in one space will not affect the equivalent system in the other spaces(s); and

(D) a bow thruster with an assigned power source;

(2) A Navigation System in compliance with the federal navigational equipment requirements set forth in 33 CFR Sections 164.35, 164.37, 164.38(b), 164.40, 164.41, 164.42, and 164.43.

(3) No exemption to this subchapter shall be allowed for a tanker requesting a U.S. Coast Guard Captain of the Port letter of deviation, pursuant to 33 CFR Sections 164.51, 164.53, and 164.55.

(4) The Administrator may require tankers that are exempt from this subchapter under the conditions outlined in Subsection (d) to periodically demonstrate the tanker and crew's ability to maneuver in response to a partial or total loss of propulsion and/or steering at a level of safety at least equal to that of an escorted tanker.

(See **33 CFR 157**, chapter 2, for regulations for Tank Vessels Carrying Oil in Bulk and Maneuvering Performance Capability, and **33 CFR 164**, chapter 2 for Navigation Safety Regulations.)

(CL 1598/03; CL 1651/03) 7/04

COAST PILOT 7 35 Ed 2003 Change No. 22

Page 316—Paragraph 122, lines 3 to 6; read: sufficient size and capability, as specified in sections 851.9 (for tankers) and 851.9.1 (for barges) (not carried in this Coast Pilot).

(CL 1651/03) 7/04

Page 317—Paragraph 136, line 2; read: required in section 851.9 (for tankers) or 851.9.1 (for barges);

(CL 1651/03) 7/04

Page 317—Paragraph 149, lines 3 to 4; read: notify the Clearing House that the plan has been reviewed, and shall inform the Clearing House of the ...

(CL 1651/03) 7/04

Page 317—Paragraph 152, line 2; read: enumerated in subsection 851.5.1(a), as well as a schematic ...

(CL 1651/03) 7/04

Page 317—Paragraph 153, lines 7 to 9; read: is no pilot on board, the master shall notify the Clearing House when the Checklist has been completed and shall inform the Clearing House of the tugs that have ...

(CL 1651/03) 7/04

Page 318—Paragraph 156, lines 2 to 4; read: complete the checklist and electronically send the completed form to the master and the Clearing House:

(i) before the vessel's estimated time of arrival to the San Francisco Bay Pilotage area, or

(ii) before the vessel's arrival at the San Francisco Bay Precautionary Area, or

(iii) after the vessel's departure from its last Port of Call.

(CL 1598/03; CL 1651/03) 7/04

Page 318—Paragraph 158, line 2; read: Checklist as cited in subsection 851.5.1(d) and ...

(CL 1651/03) 7/04

Page 318—Paragraph 158, lines 6 to 8; read: notify the Clearing House that the planning process has been completed, and shall inform the Clearing House of the tugs that have been chosen for the escort.

(CL 1651/03) 7/04

Page 318—Paragraph 162, line 2; read: adequate, the pilot shall notify the Clearing House, ...

(CL 1651/03) 7/04

Page 318—Paragraph 167, lines 3 to 6; read: is submitted to the Clearing House within 14 days after the transit covered by the Checklist. The master, pilot, ship's agent or vessel owner/operator may send the copy to the

COAST PILOT 7 (Continued)

Clearing House. A copy of the Checklist ... (CL 1651/03)	7/04	Page 255—Paragraph 219 to Paragraph 220, line 1; read: (c) Every dredge or floating plant.	
Page 318—Paragraph 169, line 5; read: vessel's name and position to the Clearing House, ... (CL 1651/03)	7/04	Non Participant Vessels that do not fall into the active or passive user categories such as fishing boats, yachts, and recreational ... (CL 1804/03)	7/04
Page 318—Paragraph 172, lines 4 to 5; read: tank vessel shall report the following to the Clearing House: (CL 1651/03)	7/04	Page 256—Paragraph 246, lines 2 to 6; read: the VTS Users Manual is available on board the vessel when operating within the VTS area. The manual is available at no charge from Executive Director, Marine Exchange of Southern California, P.O. Box 1949, San Pedro, CA 90733, phone ... (CL 1804/03)	7/04
Page 319—Paragraph 186, lines 3 to 4; read: the Clearing House upon arrival at the following locations: (CL 1651/03)	7/04	Page 258—Paragraph 266, lines 11 to 13; read: as high-rise apartment buildings. (CL 1804/03)	7/04
Page 319—Paragraph 192, lines 2 to 3; read: written casualty report with the Clearing House within 72 hours of occurrence. The Clearing House shall ... (CL 1651/03)	7/04	Page 258—Paragraph 272, line 4; read: through 165.13 and 165.1152 , chapter 2, for limits ... (CL 1804/03)	7/04
COAST PILOT 7 35 Ed 2003 Change No. 23			
Page 254—Paragraph 201, lines 1 to 2; read: The Marine Exchange of Southern California records, classifies, and disseminates information ... (CL 1804/03)	7/04	Page 259—Paragraph 282; strike out. (CL 1804/03)	7/04
Page 254—Paragraph 203, lines 8 to 9; read: recorded by the Marine Exchange of Southern California; please contact the Marine Exchange for more ... (CL 1804/03)	7/04	Page 264—Paragraph 365, line 6; read: cargo; operated by Pacific Container Terminal. Two marked ... (CL 1804/03)	7/04
Page 255—Paragraph 205, lines 2 to 5; read: mandatory service and a federally mandated Vessel Movement Reporting System (VMRS), and is designed to enhance navigational safety in the main approaches to the ports of Los Angeles and Long Beach. Mandatory participation and monitoring of VHF-FM channel 14 is required by state and federal ... (CL 1804/03)	7/04	COAST PILOT 7 35 Ed 2003 Change No. 24	
Page 255—Paragraph 211, line 7 to Paragraph 212, line 1; read: basins.		Page 242—Paragraph 14, lines 2 to 4; read: a fishing pier extending 400 yards to seaward. (CL 1753/03)	7/04
Active User (VMRS) The following vessels are required to comply with ... (CL 1804/03)	7/04	Page 244—Paragraph 54, line 10; read: pilots are made by telephone (dispatch 619-233-3096) or (office 619-233-3094), fax (619-233-3095), or by ... (CL 1753/03)	7/04
Page 255—Paragraph 215, line 3 to Paragraph 216, line 1; read: power.		Page 245—Paragraph 57, line 1; read: Tugs to 3,500 hp are available from commercial operators ... (CL 1753/03)	7/04
Passive User (VTS) These vessels are required to monitor VHF-FM ... (CL 1804/03)	7/04	Page 245—Paragraph 59, line 26; read: 619-557-5370 during normal business hours and 619-557-5132, 24-hours a day. (CL 1753/03)	7/04
		Page 245—Paragraph 62, line 10; read: 619-686-6346 or fax 619-686-6354. (CL 1753/03)	7/04

COAST PILOT 7 (Continued)

Page 245—Paragraph 64, line 5; read:
regulations.) A series of floating protection barriers,
anchored by lighted buoys, surrounds the Naval facility
within the security zone. **Security zones** are in effect around
all cruise ships entering, leaving, and berthed at the Port of
San Diego. (See **165.1 through 165.8, 165.30, 165.33, and**
165.1108, chapter 2 for limits and regulations.)
(CL 1110/03; NOS 18773;
35/03 CG11; CL 1753/03) 7/04

Page 246—Paragraph 72, line 3; read:
1,120 feet of berthing space; 31 feet alongside; ...
(CL 1753/03) 7/04

Page 246—Paragraph 73, line 3; read:
2,580 feet of berthing space; 34 to 35 feet alongside; ...
(CL 1753/03) 7/04

Page 246—Paragraph 74, line 3; read:
space; 41 feet alongside; deck height, 13 feet; one ...
(CL 1753/03) 7/04

Page 246—Paragraph 76, line 4 to Paragraph 77; read:
height, 13 feet; about 188 acres of paved open storage;
receipt and shipment of general cargo and automobiles in
foreign and domestic trade.
San Diego Unified Port District, National City Marine
Terminal, Berths 24-3, 24-4, and 24-5: concrete bulkhead;
1,000 feet of berthing space and 35 to 37 feet alongside at
Berths 24-3 and 24-4; 1,025 feet of berthing space and 42
feet alongside at Berth 24-5; deck height, 13 feet; receipt and
shipment of general cargo and automobiles in foreign and
domestic trade.
(CL 1753/03) 7/04

Page 274—Paragraph 527, line 7; read:
from 0600 to 0200 daily.
(CL 1752/03) 7/04

Page 396—Paragraph 134, lines 6 to 7; read:
basculer bridge. In September 2003, the controlling depth
was 16 feet (17 feet at midchannel) to the basin, thence 16
feet ...
(BP 181838) 7/04

Page 396—Paragraph 135, lines 3 to 6; read:
across the slough from **Barview**. In September 2003, the
controlling depth was 16 feet (17 feet at midchannel) from
the entrance to the basin, thence depths of 8 to 16 feet were
available in the basin with lesser depths along the N edge.
The basin is used by commercial ...
(BP 181838) 7/04

Page 415—Paragraph 42, line 7; read:
Notice to Mariners for controlling ...
(CL 998/03) 7/04

Page 415—Paragraph 43, lines 20 to 21; read:
Lewiston, Idaho. (See Notice to Mariners for controlling
depths.) Additional information ...
(CL 998/03) 7/04

COAST PILOT 7 35 Ed 2003 Change No. 25

Page 261—Paragraph 309, line 7; read:
POLARIS and VEGA, have yellow hulls and white cabins ...
(DD 4723) 7/04

Page 261—Paragraph 309, line 23; read:
with the ladder about 2 meters above the water, and a ...
(DD 4723) 7/04

Page 374—Paragraph 145, line 1; read:
Cape Mendocino Light (40°26'23"N., 124°24'22"W.), ...
(48/03 CG11) 7/04

**COAST PILOT 8 25 Ed 2003 Change No. 14
LAST NM 1/04**

Page 15—Paragraph 387, line 3 to Paragraph 388, line 3;
read:
bathymetric map are referred. The tidal datum of **Mean**
Lower Low Water has been used as Chart Datum along the
east, west, and Gulf coasts, including the coasts of Alaska,
Hawaii, the West Indies and other United States and United
Nations islands of the Pacific.
Mean Lower Low Water is defined as the arithmetic mean
...
(CL 68/03; NOS/03) 7/04

Page 43—Paragraph 251, line 2; read:
elemental when carried in bulk.
Charterer means the person or organization that contracts
for the majority of the carrying capacity of a ship for the
transportation of cargo to a stated port for a specified period.
This includes "time charterers" and "voyage charterers".
(FR 08/19/02) 7/04

Page 43—Paragraph 261, line 4; read:
country and that is not engaged in commercial service.
Time charterer means the party who hires a vessel for a
specific amount of time. The owner and his crew manage
the vessel, but the charterer selects the ports of destination.
Voyage charterer means the party who hires a vessel for a
single voyage. The owner and his crew manage the vessel,
but the charterer selects the ports of destination.
(FR 08/19/02) 7/04

Page 44—Paragraph 301; read:
(iv) Passport number; and
(16) Name of vessel's charterer.
(FR 08/19/02) 7/04

COAST PILOT 8 (Continued)

Page 127—Paragraph 343, line 7; read:
of Fawn Island. A 3.25-fathom (6 m) spot is 0.8 mile SW
and a 2.25-fathom (4.1 m) spot is 0.5 mile SE of Fawn ...
(CL 2179/02) 7/04

Page 268—Paragraph 28; read:
Distances Between United States Ports (available on the
internet only at <http://chartmaker.ncd.noaa.gov/nsd/ports.html>.)
(01/03 CG7) 7/04

COAST PILOT 8 25 Ed 2003 Change No. 15

Page 251—Paragraph 252, lines 4 to 7; read:
that has a project depth of the 27 feet. In March 2003, the
controlling depth in the dredged section from Frederick
Sound to Lighted Buoy 53 was 19.7 feet (20.8 feet at mid-
channel); thence in 1993, 23 feet (24 feet on the centerline)
to Scow Bay, except for ...
(BPs 181452-55; NOS 17375) 7/04

Page 251—Paragraph 252, lines 11 to 12; read:
thence in March 2003, 21.7 feet in the dredged ...
(BP 181451) 7/04

Page 255—Paragraph 322, line 4; read:
feet long. In March 2003, depths of 9 to 15 feet were avail-
able ...
(BP 181450) 7/04

Page 333—Paragraph 97, line 5; read:
Marine Protected Area, about 4.6 miles SW from Cape ...
(CL 1618/03) 7/04

Page 347—Paragraph 23, line 3; read:
Kakul Rock, with 2 fathoms over it, is 275 ...
(CL 1618/03) 7/04

Page 347—Paragraph 26, line 2; read:
by a daybeacon, is 175 yards from the NW side of Kakul
Narrows, ...
(CL 1618/03; LL/03) 7/04

Page 347—Paragraph 27, lines 1 to 2; read:
Channel Rocks extend about 300 yards N of the NE end
of Kakul Narrows. The largest rock is ...
(CL 1618/03) 7/04

Page 347—Paragraph 27, lines 5 to 8; read:
(57°22'26"N., 135°41'01"W.), 27 feet above the water, is
shown from a skeleton tower with a red triangular daymark.
A rock that bares is close N of the light.
(CL 1618/03; LL/03) 7/04

Page 347—Paragraph 28, lines 5 to 7; read:
flat. **Haley Rocks** is a group of three rocks in the entrance,
extending about 0.3 mile from the S shoreline and baring at

the lowest tides. **Haley Anchorage**, ...
(CL 1618/03) 7/04

Page 347—Paragraph 32, lines 3 to 4; read:
In March 2002-June 2003, the controlling depths were
reported to be 24.0 feet in the N half and 16.8 feet in the S
half of the channel. The channel ...
(CL 1618/03) 7/04

Page 347—Paragraph 32, line 6; read:
marks a rock, covered 16.8 feet, and the other marks the ...
(CL 1618/03) 7/04

Page 348—Paragraph 37, line 4; read:
depth of 1.1 fathoms. **West Francis Rock**, marked by a ...
(CL 1618/03) 7/04

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1575	- Buoy 16					Red nun.	Maintained from May 1 to Nov. 15. * 7/04
4580	Whitehead Light	43 58 43 N 69 07 27 W	Oc G 4s	75	6	Gray tower attached to red brick service room. 41	Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). * 7/04
*Delete Heading: *Setauket Harbor							
26190	- Narrows Channel Buoy CN13	40 58 13 N 73 06 47 W				Green can.	Private aid. * 7/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
36295	- LIGHT 346		Q R	15	4	TR-TY on pile.	* 7/04
36335	- LIGHT 359	39 09 07 N 74 42 28 W	FI G 4s	15	4	SG-SY on pile.	* 7/04
36560	- LIGHT 431	39 02 15 N 74 47 53 W	FI G 4s	15	4	SG-SY on pile.	* 7/04
36670	- LIGHT 463		FI G 4s	15	4	SG-SY on pile.	* 7/04
36735	- LIGHT 4	38 57 08 N 74 52 49 W	FIR 4s	15	3	TR-TY on pile.	* 7/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
30745	- RANGE FRONT LIGHT	18 27 25 N 66 07 42 W	Q W	23		On skeleton tower on piles.	Day: Visible 0.5° each side of rangeline. Night: Visible 1.5° each side of rangeline. Lighted throughout 24 hours. * 7/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
30750	- RANGE REAR LIGHT 1,335 yards, 187.7° from front light.	18 27 18 N 66 07 43 W	Oc W 4s	56		On skeleton tower.	Day: Visible 0.5° each side of rangeline. Night: Visible 1.5° each side of rangeline. Lighted throughout 24 hours.
							* 7/04
*57680.1	Lemon Bay Buoy 52A					Red nun.	7/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
812	<i>Spinnaker-105-2 Lighted Buoy Marks subsea installation.</i>						<i>Remove from list.</i>
							* 7/04
*5083	Fort Morgan Danger Wreck Daybeacons (5)	30 13 56 N 88 01 14 W			8	NW on pile worded DANGER SUBMERGED WRECK.	Marks perimeter of suken barge. Private aids.
							7/04
	*Delete Heading: *WAVELAND TO CATAHOULA BAY (Chart 11367)						
9165	THE RIGOLETS BRIDGE APPROACH RANGE FRONT LIGHT						<i>Remove from list.</i>
							* 7/04
9170	THE RIGOLETS BRIDGE APPROACH RANGE REAR LIGHT 1,076 yards, 301.5° from front light.						<i>Remove from list.</i>
							* 7/04
*9562	THE RIGOLETS BRIDGE APPROACH RANGE FRONT LIGHT		Q W		5	KRW on skeleton tower on piles.	7/04
*9563	THE RIGOLETS BRIDGE APPROACH RANGE REAR LIGHT 1,076 yards, 301.5° from front light.		Iso W 6s	47		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
							7/04
10810	- LIGHT 56	29 38 42 N 89 20 21 W	FIR 6s	22	4	TR on pile.	7/04
		*					7/04
17430	CAILLOU BAY LIGHT 4	29 07 06 N 90 54 43 W	FIR 4s	17	4	TR on pile.	Ra ref.
		*					7/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
18180	- Buoy 56	29 27 24 N 91 17 10 W				Red nun.	
		*					7/04
24052	EXXON ALEXANDER ISLAND DOCK LIGHT	29 43 33 N 95 01 30 W	FI G 2.5s	8		On pilings.	Private aid.
		*	*			*	7/04
27190	- LIGHT 1 150 feet outside channel limit.	27 50 19 N 97 04 56 W	FI G 2.5s	17	3	SG on pile.	Ra ref.
		*					7/04
32795	CAT ISLAND WEST END CHANNEL LIGHT	30 13 43 N 89 11 49 W	FI W 4s	30	5	NG on skeleton tower on piles.	Ra ref.
		*					7/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1131	<i>NOAA Data Lighted Buoy 46061</i>	60 13 04 N 146 49 30 W	FI (4) Y 20s			Yellow boat-shaped weather buoy.	
		*					7/04
14505	- Daybeacon 23	46 17 54 N 124 02 28 W				SG on pile.	Ra ref.
		*					7/04
15815	- REACH RANGE G REAR LIGHT 600 yards, 120° from front light.	46 57 17 N 123 48 53 W	Iso W 6s	27		KRB on pile structure.	Visible 10° each side of rangeline.
		*					* 7/04
18817	- Daybeacon 14	48 22 05 N 122 31 18 W				TR on dolphin.	
	*	*					7/04
Tamgas Harbor							
22010	-ENTRANCE LIGHT	55 01 18 N 131 30 48 W	FI W 4s	30	6	NR on skeleton tower.	
						*	7/04
22165	THOMAS BASIN ENTRANCE LIGHT 2	55 20 18 N 131 38 33 W	FI R 2.5s	28	4	TR on steel tower.	
						*	7/04
Behm Canal							
22305	CLOVER PASSAGE ENTRANCE LIGHT	55 28 43 N 131 48 47 W	FI W 6s	20	6	NR on skeleton tower.	Obscured from 102° to 230°.
						*	7/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
22427	THORNE BAY ENTRANCE LIGHT 2	55 40 46 N 132 27 28 W	FI R 6s	14	4	TR on skeleton tower.	Obscured from 135° to 243°.
				*			7/04
22469	COFFMAN COVE ENTRANCE LIGHT	56 01 23 N 132 49 38 W	FI W 2.5s	40	4	NR on tower.	
					*		7/04
Shoemaker Bay							
22615	- SMALLBOAT HARBOR LIGHT 1	56 25 02 N 132 21 11 W	FI G 4s	20	4	SG on pile.	
					*		7/04
22675	- LIGHT 2	56 20 47 N 132 00 24 W	FI R 4s	17	5	TR on skeleton tower.	Higher intensity beam down channel. Obscured from 133° to 233°.
				*			7/04
22678	- LIGHT 4	56 22 36 N 132 05 12 W	FI R 2.5s	8	4	TR on spindle.	
				*			7/04
22685	- LIGHT 7	56 22 07 N 132 10 18 W	FI G 4s	24	4	SG on skeleton tower.	Higher intensity beam up channel.
					*		7/04
25646	<i>NOAA Data Lighted Buoy 46060</i>	60 35 09 N 146 49 54 W	FI (4) Y 20s			Yellow disc-shaped hull.	
		*					7/04
*25647	<i>NOAA Data Lighted Buoy 46081</i>	60 46 32 N 148 12 18 W	FI (4) Y 20s			Yellow disc-shaped hull.	
							7/04
27205	KASLOKAN POINT LIGHT 2	55 06 15 N 162 31 36 W	FI R 4s	15	5	TR on steel square frame.	Obscured from 193° to 336°.
					*		7/04
27575	- LIGHT 5	55 58 41 N 160 34 59 W	FI G 2.5s	18	4	SG on steel tower.	
		*					7/04

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*15395	-Inner harbor.	19° 12.2' N 96° 08.3' W	Iso.W. period 2s	131 40	7	Metal tower.	
							7/04

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Add Heading: *PAITA:							
*624	Punta Falsa.	5° 53.4' S 81° 09.0' W	Fl.W. period 15s			9 Tower.	
							7/04

SUMMARY OF CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*195.5 <i>F 7920</i>	Zaliv Chayvo.	52° 21.5' N 143° 11.4' E	Fl.W. period 6s	92 28	15	White octagonal tower; 79.	Reserve light 7M. Radiobeacon.
							51/03
2104 <i>F 7323.5</i>	-Akanada Hana.	36° 02.3' N 132° 59.9' E	Fl.W. period 4s	72 22	7		
							2/04
2252 <i>F 7289.1</i>	Natsudomari Ko, breakwater.	35° 31.8' N 134° 00.0' E	Fl.G. period 3s	52 16	8	White tower; 28.	
							2/04
2688 <i>F 7240.7</i>	Nagahasi Ko Nisi, W. breakwater, head.	36° 06.9' N 136° 02.9' E	Iso.R. period 6s	46 14	9	Red tower; 28.	
							52/03
3160 <i>F 7136.8</i>	Miyazaki Ko, E. breakwater.	36° 58.4' N 137° 35.1' E	Iso.G. period 4s	43 13	9	White round concrete tower; 31.	
							52/03
5644 <i>F 6266.4</i>	-W. breakwater, head.	35° 04.8' N 138° 51.1' E	Iso.G. period 4s	46 14	5	White round concrete structure; 31.	
							52/03
5648 <i>F 6267.5</i>	Shizuura Ko, Okino-Shima.	35° 02.9' N 138° 53.8' E	Fl.W. period 3s	32 10	3	White round concrete structure; 28.	
							52/03
5876 <i>F 6201</i>	-Katahara Ko, N. breakwater, head.						<i>Remove from list.</i>
							*
							7/04

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SECTION II

SUMMARY OF CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5976 <i>F 6163.5</i>	-E. head.						<i>Remove from list.</i>
							* 1/04
7272 <i>F 5953.6</i>	-NE. corner.	34° 31.8' N 135° 22.9' E	Fl.R. period 3s	59 18	7	Red round concrete tower; 52.	
		*			*		6/04
8132 <i>F 5546</i>	Kanawa Iwa.	34° 25.3' N 134° 07.8' E	Mo.(A)R. period 8s	46 14	7	STARBOARD (B) R, beacon, topmark; 38.	
		*			*		7/04
8724 <i>F 5462</i>	Kuru Sima.	34° 06.4' N 132° 59.0' E	Fl.R. period 3s	43 13	7	STARBOARD (B) R, beacon, topmark; 33.	
		*	*	*			2/04
8728 <i>F 5463</i>	Ama Se.	34° 06.7' N 132° 58.9' E	Fl.R. period 3s	32 10	7	STARBOARD (B) R, beacon, topmark; 33.	
		*	*				2/04
9024 <i>F 5684</i>	-Kusatu Gyoko.	34° 21.6' N 132° 24.1' E	Fl.R. period 5s	39 12	7	White round concrete tower; 31. Visible 300°-210°.	
		*	*		*		7/04
9668 <i>F 5372</i>	Onoda Ko, N. breakwater, head.	33° 58.4' N 131° 09.9' E	Fl.(2)G. period 6s	36 11	11	White tower; 28.	
			*				52/03
9738 <i>F 4981</i>	Kando Ko, E. breakwater.	33° 47.8' N 131° 00.8' E	Fl.(2)G. period 8s	36 11	6	White round tower; 25.	
		*	*		*		52/03
9754 <i>F 4985</i>	Sinmozi, breakwater.	33° 52.4' N 131° 00.6' E	Fl.G. period 5s	59 18	10	White tower; 53.	
		*			*		52/03
11776 <i>F 5193.3</i>	Nomo Ko.	32° 35.4' N 129° 45.3' E	Fl.R. period 3s	36 11	3	Red round concrete structure; 31.	
		*	*		*		7/04
12416 <i>F 5285</i>	Tsuyazaki Hana.	33° 47.2' N 130° 27.0' E	Fl.W. period 4s	213 65	12	White round concrete tower; 29.	F.W. light illuminates reef southward.
	*	*			*		1/04
*15410 <i>F 8129</i>	-Smirnova.	59° 54.3' N 166° 23.9' E	Fl.W. period 8s		18		Visible 040°-194°. Radiobeacon.
							51/03
17268 <i>F 4302</i>	Tanggeon Yeo.	34° 22.0' N 127° 30.6' E	Fl.W. period 10s	171 52	11	White octagonal tower; 33.	
	RACON		T(-)		10		
	*	*		*	*	*	4/04

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SECTION II

SUMMARY OF CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17792 <i>F 4199</i>	-Chonmang San.	36° 00.3' N 126° 40.3' E	Fl.G. period 4s	49 15	8	PORT (B) G, beacon, topmark.	
		*			*		1/04
18684 <i>F 3822</i>	Daqiao Dao.	35° 59.5' N 120° 19.7' E	Fl.(2)W. period 5s	59 18	15	Red structure, white concrete base; 41.	
	RACON		B(-...)				
	*			*	*		7/04
18792 <i>F 3752</i>	CHANGJIANG KOU LIGHTSHIP.	31° 06.0' N 122° 28.1' E	Fl.W. period 6s		10	Red hull.	Bell. Radar reflector.
	RACON		O(--)				
		*					5/04
19080 <i>F 3660</i>	Tasanpang Shan.	27° 52.3' N 121° 10.5' E	Fl.W. period 4s	174 53	7	White square pyramidal concrete structure; 12.	
		*		*			6/04
19240 <i>F 3594</i>	-Lu Yu Danger Range, front.	23° 19.6' N 116° 45.2' E	F.W.	115 35	5	White concrete structure, triangular daymark, point up; 13.	Lights in line 127° indicate rocks on S. side of Ma Yu and SW. extremity of fish stakes on which fishing lights shown.
				*			4/04
19762 <i>F 3457.4</i>	Shekou, New Channel Range, front.	22° 28.7' N 113° 54.7' E	Iso.G. period 2s	46 14	2	White structure on concrete platform, red triangular daymark, point up; 43.	
					*		7/04
19762.1 <i>F 3457.41</i>	-Rear, 550 meters 036°43' from front.	22° 28.8' N 113° 54.8' E	Oc.R. period 5s	60 18	3	White structure on concrete platform, red triangular daymark, point down; 58.	
					*		7/04
21206 <i>F 1737.5</i>	-Sajahat Kechil.						<i>Remove from list.</i>
							*
							1/04
*25494 <i>K 1494</i>	Tg. Binanga.	3° 20.3' S 118° 50.7' E	Fl.W. period 6s	79 24	18	White beacon.	
							50/03
*25496 <i>K 1493</i>	Tg. Ongkone.	3° 05.6' S 118° 46.6' E	Fl.W. period 4s	46 14	12	White beacon.	
							50/03
29180 <i>D 7573.2</i>	-"M35".	29° 04.8' N 48° 29.0' E	Q.W.			N. CARDINAL BY, beacon.	
	*	*					50/03
29184 <i>D 7588</i>	Jazirat Auhuh.	29° 22.6' N 48° 26.5' E	Fl.(3)W. period 10s	75 23	12	Steel framework tower, black and white bands; 67.	<i>Reported extinguished (1985).</i>
	*	*					50/03

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SECTION II

SUMMARY OF CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
29280 <i>D 7589.4</i>	"M30", off SE. head.	29° 22.6' N 48° 23.4' E	V.Q.(6)+L.FI.W. period 10s			S. CARDINAL YB, beacon.	
*	*	*					50/03
*29281 <i>D 7589.55</i>	-No. "5".	29° 22.5' N 48° 24.1' E	L.FI.Y. period 10s			Yellow beacon.	
							50/03
29296 <i>D 7578.2</i>	Ras al Qulay'ah, "M40".	28° 56.0' N 48° 21.8' E	Q.(3)W. period 10s			E. CARDINAL BYB.	
*	*	*					50/03
29296.1 <i>D 7578.4</i>	"M41".	28° 54.2' N 48° 16.2' E	Q.W.			White beacon.	Occasional.
*	*	*	*				50/03
29300 <i>D 7578</i>	"M39".	28° 55.2' N 48° 20.0' E	Fl.(2)W. period 15s			ISOLATED DANGER BRB.	
*	*	*					50/03
29765 <i>D 7406.2</i>	-Deep water jetty, head.						<i>Remove from list.</i>
							*
							52/03
30212 <i>E 5997.2</i>	-Detached breakwater, E. head.	29° 56.2' N 32° 33.3' E	Q.W.	26 8	5	Black and white metal structure.	
						*	6/04

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*4594 <i>E 0131</i>	-Yacht club, W. end.	37° 35.8' N 0° 59.2' W	Oc.G. period 3s	16 5	1	Green column; 16.	
							7/04
*4594.2 <i>E 0131.2</i>	-Marina, outer breakwater.	37° 35.8' N 0° 59.1' W	Q.G.	16 5	1	Green triangular tower; 13.	
							7/04
5008 <i>E 0330</i>	-Cap de Cala Figuera.	39° 27.5' N 2° 31.4' E	Fl.(4)W. period 20s fl. 0.3s, ec. 3s fl. 0.3s, ec. 3s fl. 0.3s, ec. 3s fl. 0.3s, ec. 9.8s	148 45	15	White truncated tower, black stripes; 79.	Aeromarine light. Siren: 2 bl. ev. 12s (bl. 2s, si. 2s, bl. 2s, si. 6s).
						*	*
							7/04
	-Puerto de Mahon:						
5240 <i>E 0354</i>	-Punta San Carlos.	39° 51.9' N 4° 18.4' E	Oc.(2)W. period 6s lt. 3s, ec. 1s lt. 1s, ec. 1s	72 22	12	White round tower, black bands, white square base; 49.	Obscured 143°-183°.
							*
							7/04

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SECTION II

CORRECTIONS TO PUB 113, RADIOBEACONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
440	Casteelon de la Plana Light Station						<i>Remove from list.</i>
							* 7/04
480	Mahon, Menorca						<i>Remove from list.</i>
							* 7/04
490	Punta de Cala Figuera, Mallorca						<i>Remove from list.</i>
							* 7/04

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13144 <i>L 3534</i>	Kjolva.	69° 36.0' N 17° 29.5' E	Fl.W.R.G. period 5s fl. 1s, ec. 4s	95 29	W. 9 R. 6 G. 6	White lantern on concrete column.	R. 076°12'-087°18', W.-105°24', G.-112°, W.-197°30', R.-217°54', W.-221°30', G.-265°, R.-274°24'.
		*				*	* 7/04
13148 <i>L 3550</i>	Oyfjorden, on Husoy.	69° 32.9' N 17° 39.1' E	Oc.(2)W.R.G. period 8s	85 26	W. 12 R. 9 G. 9	White lantern.	G. 333°-340°, W.-115°, R.-137°, W.-147°, G.-152°, W.-155°, R.-177°, W.-296°, G.-303°.
*		*				*	7/04
13150 <i>L 3550.4</i>	-Husoy, mole.	69° 32.5' N 17° 40.1' E	Iso.R. period 2s	24 7	1	Lantern on post.	
*		*				*	7/04
13150.5 <i>L 3550.5</i>	-E. mole.	69° 32.5' N 17° 40.3' E	Iso.G. period 2s	20 6	1	Lantern on post.	
		*		*	*	*	7/04
13152 <i>L 3551</i>	Noringen, point, east side.	69° 35.9' N 17° 41.3' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	36 11	5	Lantern on post.	
*		*				*	7/04
13156 <i>L 3551.5</i>	Baltsfjord.	69° 32.1' N 17° 46.7' E	Oc.W.R.G. period 6s	16 5	9 9 9	White hut on masonry column.	R. 147°-155°30', W.-179°30', G.-182°30', R.-190°30', G.-227°30'.
*		*				*	7/04
13180 <i>L 3553</i>	-Hekkingund, on Klubbholme.	69° 35.4' N 17° 51.1' E	Oc.W.R.G. period 6s	52 16	W. 9 R. 7 G. 7	White lantern; 10.	G. 246°-252°30', W.-306°, R.-085°, W.-089°, G.-100°, W.-101°30', R.-109°.
		*	*		*	*	7/04
13184 <i>L 3554.4</i>	-Straumholet.	69° 35.1' N 17° 51.7' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	19 6	2	Iron pole.	
*		*					7/04

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CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13188 <i>L 3554</i>	-Langskjaeret.	69° 35.0' N 17° 51.9' E	Oc.(2)W.R.G. period 8s	25 8	W. 6 R. 4 G. 4	White lantern on piles.	G. 074°48'-098°06', W.-104°54', R.-168°36', W.-279°42', G.-295°54'.
		*			*	*	* 7/04
13196 <i>L 3555.6</i>	-Nordnesholmen, on islet N. of Edoy.	69° 37.7' N 17° 54.2' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	24 7	4	Concrete column.	
		*			*		* 7/04
13204 <i>L 3555.8</i>	-Kobbeskjaer.	69° 36.7' N 17° 58.9' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	16 5	3	Metal support.	
		*	*				* 7/04
13212 <i>L 3556</i>	-Skarvskjaer, near Hillesoy.	69° 37.7' N 17° 58.7' E	Oc.W.R.G.	20 6	W. 2 R. 1 G. 1	White lantern on piles; 20.	R. 248°-257°30', W.-263°, G.-357°, W.-001°, R.-037°30', W.-040°, G.-079°, W.-089°, R.-097°, G.-123°.
		*			*	*	* 7/04
13216 <i>L 3557</i>	-Lille Lingoy.	69° 37.9' N 18° 00.0' E	Oc.(2)W.R.G. period 8s	10 3	W. 5 R. 3 G. 2	White lantern, concrete base.	G. 246°-298°, W.-301°, R.-056°, W.-069°, G.-082°.
		*					* 7/04
13224 <i>L 3558</i>	-Ornflyga.	69° 36.9' N 18° 03.1' E	Iso.W.R.G. period 6s	29 9	W. 4 R. 3 G. 2	White lantern.	G. 000°-056°, W.-063°30', R.-133°, W.-135°, G.-194°, R.-203°.
						*	* 7/04
13225 <i>L 3558.5</i>	-Brensholmen mole.	69° 36.4' N 18° 02.9' E	F.R.				
			*				* 7/04
13236 <i>L 3560</i>	-Store Sommaroy, on Saltholmen.	69° 38.5' N 18° 02.0' E	Iso.W.R.G. period 6s	23 7	W. 8 R. 5 G. 5	White lantern on base.	R. 056°-088°, G.-129°, W.-131°, R.-276°30', W.-324°, G.-346°.
		*			*	*	* 7/04
13240 <i>L 3562</i>	-Vaerholmen, on islet, N. side of Hillesoy.	69° 39.1' N 17° 58.8' E	Fl.W.R.G. period 5s fl. 0.7s, ec. 4.3s	108 33	W. 8 R. 6 G. 5	White lantern on base.	G. 084°-088°, R.-092°, G.-129°, W.-135°, R.-159°, W.-162°, G.-272°, R.-279°, G.-302°.
		*			*	*	* 7/04
13244 <i>L 3566</i>	-Vasstrand, Kattfjorden.	69° 39.6' N 18° 13.1' E	Oc.W.R.G. period 6s	27 8	W. 11 R. 8 G. 7	White lantern on base.	G. 326°30'-336°, W.-338°30', R.-006°, W.-025°, G.-047°30', W.-058°, R.-128°, W.-130°, G.-157°, W.-160°, R.-164°.
		*				*	* 7/04
13248 <i>L 3568</i>	Haja, on Kjeholmen.	69° 44.5' N 18° 06.2' E	Fl.(2)W.R.G. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	91 28	W. 7 R. 4 G. 4	White lantern.	G. 104°30'-114°, W.-131°, R.-142°30', G.-148°, R.-194°30', G.-201°, R.-231°, W.-241°, G.-305°, W.-328°, R.-346°, W.-351°, G.-359°.
		*				*	* 7/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13252 <i>L 3570</i>	Sessoysund, on Tennskjaer.	69° 42.6' N 18° 14.9' E	Iso.W.R.G. period 6s	31 9	W. 7 R. 5 G. 5	White lantern on base.	W. 186°42'-193°, R.-273°, W.-275°24', G.-100°18', W.-107°36', R.-117°, G.-186°42'.
		*				*	* 7/04
13256 <i>L 3572</i>	Bjornoy.	69° 46.1' N 18° 09.5' E	Oc.(2)W.R.G. period 8s	30 9	W. 6 R. 4 G. 4	White lantern on base.	R. 124°54'-136°24', G.-164°, R.-186°, W.-204°18', G.-259°42', W.-280°, R.-294°, W.-325°12', G.-345°06'.
		*				*	* 7/04
13260 <i>L 3574</i>	Rossholmen, Rossholmdjupet.	69° 47.4' N 18° 08.5' E	Iso.W.R.G. period 6s	123 37	W. 6 R. 4 G. 4	White lantern.	R. 255°30'-258°30', W.-286°, G.-325°, W.-333°, R.-344°, G.-004°, W.-107°, R.-183°, W.-196°, R.-209°.
		*				*	* 7/04
13272 <i>L 3583</i>	Tromvik, mole, head.	69° 46.6' N 18° 24.5' E	Iso.R. period 2s	20 6		Lantern on post.	
		*			*	*	* 7/04
13276 <i>L 3584</i>	Gjesneset, Vengsoyffjorden.	69° 49.2' N 18° 28.6' E	Iso.W.R.G. period 6s	20 6	W. 6 R. 4 G. 4	White lantern.	R. 267°-270°, W.-283°, G.-020°, W.-030°, R.-057°, W.-060°, G.-065°, W.-076°, R.-085°, W.-087°, G.-095°.
		*			*	*	* 7/04
13282 <i>L 3588.4</i>	Vengsoy mole.	69° 50.2' N 18° 35.7' E	Iso.G. period 2s	16 5		Lantern on post.	
		*		*		*	* 7/04
13284 <i>L 3588</i>	Kjerringholmen.	69° 50.7' N 18° 36.6' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	13 4		Iron post.	
		*		*			* 7/04
13288 <i>L 3586</i>	Kaldfjord, on Klubbeneset.	69° 49.8' N 18° 39.6' E	Iso.W.R.G. period 6s	23 7	W. 7 R. 5 G. 4	White lantern.	R. 340°-353°, W.-000°30', G.-052°, W.-060°30', R.-138°, G.-162°, W.-165°, R.-181°.
		*			*	*	* 7/04
13292 <i>L 3587</i>	Rognholman.	69° 52.3' N 18° 28.5' E	Fl.W.R.G. period 5s fl. 0.7s, ec. 4.3s	82 25	W. 8 R. 6 G. 5	White lantern on concrete base.	W. 024°-027°, G.-089°, W.-101°, R.-128°, W.-133°, G.-198°, W.-210°, R.-291°30', W.-293°, G.-331°, R.-024°.
		*			*	*	* 7/04
13300 <i>L 3592</i>	Lille Lyngoy.	69° 55.5' N 18° 27.9' E	Fl.(2)W.R.G. period 10s fl. 0.7s, ec. 1.5s fl. 0.7s, ec. 7.1s	90 27	W. 9 R. 6 G. 6	White lantern on piles.	G. 060°-071°, R.-107°, W.-109°, G.-126°, R.-237°, W.-241°, G.-259°, R.-272°, W.-279°, G.-303°, W.-309°, R.-060°.
		*				*	* 7/04
13304 <i>L 3594</i>	Kvitholmen Range, front.	69° 55.7' N 18° 28.2' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	49 15		White lantern on piles.	Visible 119°-125°. Intensified on range line.
		*				*	* 7/04

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SECTION II

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13308 <i>L 3594.1</i>	-Store Lingoy, rear, 594 meters 122°30' from front.	69° 55.6' N 18° 28.9' E	Iso.W.R.G. period 6s	91 28	W. 7 R. 5 G. 5	White lantern on base.	W. 120°-126°, G. 171°-258°, W.- 263°, R.-316°, W.-320°, G.- 337°.
		*				*	* 7/04
13312 <i>L 3590</i>	Gasvaer, Kvalsund.	69° 53.8' N 18° 40.3' E	Oc.W.R.G. period 8s	54 16	W. 7 R. 5 G. 5	White lantern on stone base.	R. 016°-021°, W.-038°30', G.- 100°, W.-102°, R.-125°, W.- 131°30', G.-149°, W.-156°30', R.-165°30', W.-174°, G.-188°, W.-192°, R.-263°, W.-285°30', G.-319°.
		*	*		*	*	* 7/04
13316 <i>L 3598</i>	Klokkerholmen, Ringvassoy, W. side.	69° 57.1' N 18° 43.0' E	Iso.W.R.G. period 6s	34 10		White lantern on base.	R. 014°30'-022°, W.-041°, G.- 078°, W.-083°30', R.-127°, W.-141°, G.-146°, W.-148°, R.-186°, W.-200°30', G.-217°.
		*			*		* 7/04
13320 <i>L 3649</i>	Ytre Karvik, on Meholmen, Kvalsund.	69° 52.6' N 18° 51.6' E	Iso.W.R.G. period 6s	23 7		White lantern on stone tower.	R. 310°-316°, W.-320°, G.-021°, R.-115°30', W.-125°, G.-133°.
				*	*	*	* 7/04
13360 <i>L 3612</i>	Skarsfjord, on Teistholme.	69° 58.9' N 18° 48.1' E	Oc.(2)W.R.G. period 8s	23 7	W. 6 R. 4 G. 4	White lantern.	R. 307°-326°, W.-337°, G.- 002°30', W.-005°30', R.-083°, W.-169°, G.-173°, W.-180°, R.-187°.
		*	*		*	*	* 7/04
13364 <i>L 3611</i>	Skjaeret.	69° 57.8' N 18° 50.6' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	17 5		Iron post.	
*		*			*		* 7/04
BALSFJORD:							
13400 <i>L 3628</i>	-Storneset.	69° 27.5' N 18° 58.2' E	Oc.W.R.G. period 6s	25 8	W. 10 R. 9 G. 9	White lantern on base.	G. 326°-333°, W.-341°30', R.- 004°, G.-159°30', W.-173°, R.-181°.
		*				*	* 7/04
13404 <i>L 3628.4</i>	-Haugbergesnet kobben.	69° 31.1' N 19° 00.6' E	Oc.(2)W.R.G. period 8s	16 5	W. 9 R. 9 G. 7	White lantern, concrete base.	R. 033°30'-048°30', W.- 093°30', G.-126°30', W.- 136°30', R.-209°, W.-214°, G.-232°. Private light.
			*				* 7/04
13414 <i>L 3634.5</i>	-Tromsoysundet.	69° 38.9' N 18° 58.2' E	Fl.R. period 5s	13 4	1	Lantern on post; 36.	
					*	*	* 7/04

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Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
KLAIPEDA:							
12000 <i>C 3345.9</i>	-Entrance Range, front.	55° 43.7' N 21° 05.5' E	Q.W.	*		16 Brown framework tower, white diamond and white square daymark, black stripe; 89.	Visible on range line only.
		*		*			7/04

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SECTION II

NM 7/04

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 7/04

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
NGA HYDRO CATALOG C ATP2V01U			SDPUB124	2001	18*,44,45,47,48,49,52/01:17,19,20,21,29,30,31,34,46,50/02:24,25,27,28,29,30,32,35,36,37,39,44,48/03	SDPUB195	2002	33*,40,49,51,52/02:1,2,3,15,16,21,32,33,41,43,46,49/03;1/04
Region 1	2002	1*,2,3,4,7,8,9,10,11,14,15,17,19,20,21,22,23,24,25,26,27,28,29,30,31,32,35,36,37,38,39,40,41,42,43,44,45,46,47,48,50,51,52/03;1,2,3,5,6/04	SDPUB126	2002	39*,41,42,43,44,45,48/02:24,26,27,28,30,32,41/03	SDPUB200	2002	38*,39,42,02:22,27,34,41,51,52/03
Region 2	2002	1*,8,15,17,20,21,22,23,24,26,28,30,32,33,34,44,48,52/03;2,3,5,7/04	SDPUB140	2001	21*,48,49,51/01:8,17,23,32,42,43,44,46,47,48,50/02:4,6,7,8,9,11,12,15,19,21,22,23,24,25,26,31,32,34,37,42,43/03	USCG LIGHT LIST VOLUMES I - VII		
Region 3	2002	1/03*	SDPUB141	2001	21*,38/01	COMDTM165021	2003	17*,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,36,37,38,39,40,41,42,43,44,45,48,50,52/03;3,4,6,7/04
Region 4	2002	1*,23,43/03	SDPUB142	2000	49/00*:3,31,35/01;1,15,43/02	COMDTM165022	2003	17*,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52/03;1,2,3,4,5,6,7/04
Region 5	2002	1*,3,5,8,22,27,30,33,38,48/03;1/04	SDPUB147	2001	35/01*:21,22,23,24/02:39,40,41,46,50/03	COMDTM165023	2003	17*,18,19,20,21,23,24,25,26,28,29,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52/03;1,2,3,4,5,6,7/04
Region 6	2002	1*,10,11,13,16,19,20,21,25,28,30,33,38,50/03	SDPUB148	2001	48/01*:23,24/02:22,42,43,45,48,50,52/03;5/04	COMDTM165024	2003	18*,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52/03;1,2,3,4,5,6,7/04
Region 7	2002	1*,11,15,28/03	SDPUB153	2000	6/01*:28,30,41,44,46,47,48,52/02:1,3,4,8,13,15,22,25,32,35,37,38,39,40,43/03	COMDTM165025	2002	16/02*
Region 8	2002	1*,14,37,41,46,52/03	SDPUB154	2002	17*,19,31,42,44,45,46,48,50/02:3,14,19,23,30,41,42,47/03	COMDTM165026	2003	18*,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52/03;1,2,3,4,6,7/04
Region 9	2002	1*,34,40,43,45,48,50,51,52/03;1,7/04	SDPUB155	2001	31*,48/01:10,45,46/02	COMDTM165027	2003	18*,20,21,22,23,24,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52/03;1,2,3,4,6,7/04
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12,13,15,17,18,19,20,21,23,24,25,27,28,29,30,31,32,33,34,36,37,38,39,41,42,43,45,46,47,48,49,51,52/03;1,4,5,6,7/04	SDPUB159	2002	42*,48/02	COMDTM165025	2002	16/02*
NGA LIST OF LIGHTS			SDPUB160	2002	47*,48,49,52/02:6,8,10,11,19,21,22,23,30,33,36,39,41,43,48,49,51/03;1,2,5,6/04	COMDTM165026	2003	18*,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52/03;1,2,3,4,6,7/04
LLPUB110	2003	7*,8,9,11,13,14,15,16,17,18,20,21,23,24,25,26,27,28,29,31,32,33,34,36,37,38,39,41,42,43,44,47,49,50,52/03;1,2,3,5,6,7/04	SDPUB161	2002	23*,24,44,47,48/02;5,12/03	COMDTM165027	2003	18*,20,21,22,23,24,26,27,28,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52/03;1,2,3,4,6,7/04
LLPUB111	2003	33*,34,35,36,37,38,39,40,41,43,45,47,49,50,51,52/03;1,2,3,4,7/04	SDPUB162	2001	51/01*:5,12/03			
LLPUB112	2004	7/04*	SDPUB163	2002	18*,20,21,26,46,51/02:13,24,26,27,28,29,30,31,39,40,41,43,47,48/03			
LLPUB113	2003	46*,48,49,50,51,52/03;1,2,3,4,5,6,7/04	SDPUB164	2000	30/00*:31,35,36/01;8,28/03			
LLPUB114	2003	17*,19,21,22,23,24,27,31,32,40,43,44,46/03	SDPUB171	2001	40*,47,48,52/01:5,9,14,16,41/02:23,24,26,41/03			
LLPUB115	2003	42*,44,46,47,48,49,51,52/03;1,3,5,7/04	SDPUB172	2001	1*,2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02:1,11,12,13,14,15,19,20,22,23,25,26,27,28,29,31,32,33,34,35,36,37,38,39,40,43,44,45,46,47,48,51/03;1,2,3,4,5/04	FLEET GUIDES		
LLPUB116	2003	24*,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,47,48,49,50,51/03;1,2,3,5,6,7/04	SDPUB173	2002	50*,51/02:3,22,24,25,26,27,32,33,34,37,38,49,50,51/03	FGPUB940ATL	2001	N47/01*
SAILING DIRECTIONS			SDPUB174	2000	7*,19,37,45,51,52/01:1,5,14,19,22,28,33,37,38,48/02;30,39,40,41,43/03;6/04	FGPUB941PAC	2001	N22/01*
CDPUBSD125	2003	19*,43,49,51,52/03	SDPUB175	2001	41*,43,45,51/01:8,11,12,13,14,16,17,21,27,37,41,49/02;26,27,29,32,37,38,43,47/03	NOS MISCELLANEOUS PUBLICATIONS		
CDPUBSD127	2003	39/03*	SDPUB180	2002	32*,33,42,47,48,50/02:6,13,14,17,21,24,42,44,47,48,49,51/03	NOSPBCATALOG1	2000	20/00*
CDPUBSD131	2002	9/03*	SDPUB181	2002	38*,39/02	NOSPBCATALOG2	2000	34/00*
CDPUBSD132	2003	6/04*	SDPUB182	2001	8*,10,12,41/02;17/03	NOSPBCATALOG3	2000	28/00*
CDPUBSD143	2003	46/03*	SDPUB183	2001	27/01*:13,15,16/02;18/03	NOSPBCATALOG4	2000	34/00*
CDPUBSD145	2003	51/03*	SDPUB193	2000	27*,38,49/00:9,26,27,31,32/01:14,15,26,52/02:18,19,20,23,29/03;6/04	ALMANACS		
CDPUBSD146	2002	4/03*				AIRALMANAC401	2004	29/03*
CDPUBSD157	2003	17/03*				NAUTALMANAC04	2004	29/03*
CDPUBSD158	2003	24/03*				COAST PILOT		
CDPUBSD191	2003	52/03*				NOSPBCP1	33	27*,28,29,32,33,34,39,42,46,48/03;1,6/04
CDPUBSD192	2003	32*,36,38,39,40,41,42,43/03				NOSPBCP2	33	5*,6/04
CDPUBSD194	2002	6*,8,15,17,30,33,35,37,38,39,40/03				NOSPBCP3	36	34*,36,42,43,44,46,48,50,51,52/03;7/04
SDPUB120	2001	12*,18,48,49,51/01:8,13,14,21,22,24,29,33,35,37,42,43,44,45,47/02:4,6,7,8,9,10,11,12,14,17,20,21,23,29,30,31,41,42,44,45,52/03;5/04				NOSPBCP4	35	34*,36,39,42,44,46,47,51/03;6,7/04
SDPUB123	2001	45*,47,48/01:1,14,17,18,19/02:24,25,27,28,32,38,42/03				NOSPBCP5	31	51*,52/03;1,7/04
						NOSPBCP6	33	23*,27,29,32,34,39,42,46,48,51,52/03;1,7/04
						NOSPBCP7	35	37*,38,39,42,44,45,48,51/03;5,7/04
						NOSPBCP8	25	32*,33,34,39,42,48,51/03;1,7/04
						NOSPBCP9	21	30*,32,33,36,39,42,48,51/03

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 7/04**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.
RADIO NAVIGATIONAL AIDS		
RAPUB117	2002	50/02*;13/03
AMERICAN PRACTICAL NAVIGATOR		
NVPUB9	2002	36/02*;14,38/03
INTERNATIONAL CODE OF SIGNALS		
CDPUBNV102	2003	20/03*
WORLD PORT INDEX		
NVPUB150	2000	50/00*;14,15,16,20,21,41,42,43,44,45,46,47,48,49,51,52/01;1,2,5,6,10,11,12,16,19,21,22,27,31,32,33,36,39,40,42,46,49/02;2,7,10,15,20/03
DISTANCES BETWEEN PORTS		
NVPUB151	2001	4/02*
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
CDPUBNV1310	2001	51/01*
SIGHT REDUCTION TABLES (MARINE)		
SRPUB229V1	1970	11/71*
SRPUB229V2	1970	11/71*
SRPUB229V3	1970	7/71*
SRPUB229V4	1970	3/71*
SRPUB229V5	1970	3/71*
SRPUB229V6	1970	23/70*
SIGHT REDUCTION TABLES (AIR)		
SRPUB249V1	2000	4/01*
SRPUB249V2	1952	46/52*
SRPUB249V3	1952	46/52*
CHART NO. 1		
WOBZC1	1997	18/98*
CHART NO. 4		
WOBZC4	1988	N23/91*
ATLAS OF PILOT CHARTS		
NVPUB106	2002	42/03*
NVPUB107	1998	30/99*
NVPUB109	2001	49/02*
USCG NAVIGATION RULES		
COMDTM166722D	1999	44/99*;52/00
NOS TIDE TABLES		
NOSPBTTCWPACIN4	2004	N1/04*
NOSPBTTECSTNSA4	2004	N1/04*
NOSPBTTEURAFR4	2004	N1/04*
NOSPBTTCSTNSA4	2004	N1/04*
TIDAL CURRENT TABLES		
NOSPBTCTATCSTN4	2004	N1/04*
NOSPBTCTPACAS4	2004	N1/04*

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 291200Z January 2004:

2003 series	387(GEN)	4(GEN)	23(GEN)	29(11)
108(26,27)	2004 series	20(11,26)	26(GEN)	

The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03.

NAVAREA IV WARNINGS issued from 221200Z to 291200Z January 2004.

20/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

A. 0500Z TO 0459Z COMMENCING DAILY 26 JAN THRU 01 FEB

IN AREA BOUND BY

30-45N 080-32W, 30-45N 079-40W,

30-38N 079-40W, 30-34N 080-32W.

B. 0500Z TO 0459Z COMMENCING DAILY 26 JAN THRU 01 FEB

IN AREA BETWEEN

29-20N 29-10N AND 079-50W 079-40W.

C. 291200Z TO 300459Z AND 300500Z TO 300600Z JAN

IN AREA BETWEEN 30-00N 29-50N AND 081-00W 080-50W.

2. CANCEL THIS MSG 020559Z FEB.

(231430Z JAN 2004)

21/04 and 22/04. CANCELED.

23/04(GEN).

1. NAVAREA IV MESSAGES IN FORCE 241000Z JAN 2004. ONLY THOSE

MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.

2004 SERIES: 4(GEN), 15(11,26), 20(11,26), 21(GEN), 22(11,28).

2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE

AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.

WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE

SUMMARIZED IN NM 13/03, 26/03 AND 39/03.

3. CANCEL NAVAREA IV 18/04.

(241010Z JAN 2004)

24/04 and 25/04. CANCELED.

26/04(GEN). NORTH ATLANTIC. RADIO SERVICES.

COGARD CAMSLANT UNABLE TO RECEIVE WEATHER INFORMATION.

UPDATED WEATHER PRODUCTS UNAVAILABLE.

(260820Z JAN 2004)

27/04 and 28/04. CANCELED.

29/04(11). FLORIDA-EAST COAST.

CHART 11488 (24TH ED).

1. AMELIA ISLAND LIGHT 30-40-24N 081-26-30W CHANGED TO:

FL W 6 SEC 9 MILES UNTIL 040400Z FEB.

2. CANCEL THIS MSG 040500Z FEB.

(261904Z JAN 2004)

30/04. CANCELED.

SECTION III

NM 7/04

HYDROLANTS

Messages in force 291200Z January 2004:

2000 series	738(35)	2225(52,53)	2407(54)	47(54)	156(36)
2937(38)	1117(37)	2235(37)	2408(54)	59(35,37)	157(24)
3762(43)	1242(24)	2241(57)	2409(54)	90(53)	158(37)
4265(44)	1291(37)	2266(37)	2410(54)	91(53)	159(24,57)
2001 series	1374(52,53)	2271(37)	2413(54)	106(37)	160(23,29)
611(44)	1422(53)	2297(24)	2414(54)	107(57)	161(24)
2700(37)	1472(35)	2319(53)	2416(54)	111(57)	162(24)
3161(44)	1620(53,56)	2330(54)	2418(52)	113(56)	163(56)
2002 series	1731(35)	2340(52,53)	2419(54)	124(53)	164(53)
245(GEN)	1834(22)	2354(24)	2420(54)	126(57)	165(53,54)
246(GEN)	1944(53)	2374(35)	2004 series	128(24)	167(24)
2682(51)	1995(53)	2379(54)	3(53)	129(37)	168(24)
2848(37)	1999(23)	2380(37)	17(53)	134(51)	169(51,52)
2003 series	2031(55)	2383(53)	19(53)	140(GEN)	170(23)
41(37)	2058(24)	2384(23,24)	29(37)	141(37)	
67(37)	2144(22)	2385(38)	36(51,52)	143(37)	
544(55)	2175(24)	2399(24)	40(53)	152(57)	
604(26,27)	2203(53)	2406(54)	41(56)	154(53)	

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03.

HYDROLANT WARNINGS issued from 221200Z to 291200Z January 2004.

125/04. CANCELED.

126/04(57). GULF OF GUINEA.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY M/V SAIPEM 10000 IN 03-59N 006-29E. ONE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 99/04(37), OPERATIONS COMPLETED.

(221530Z JAN 2004)

127/04. CANCELED.

128/04(24). BRAZIL-NORTHEAST COAST.

- CHART 24230 (20TH ED).
1. DGPS STATION AT PONTA DE CALCANHAR LIGHT 05-09.7S 035-29.1W INOPERATIVE.
 2. CANCEL HYDROLANT 116/04.

(230013Z JAN 2004)

129/04(37). BAY OF BISCAY.

1. DERELICT VESSEL ADRIFT VICINITY 44-30N 009-10W.
2. CANCEL THIS MSG 30 JAN.

(230239Z JAN 2004)

130/04 thru 133/04. CANCELED.

134/04(51). NORTH ATLANTIC.

1. DERELICT F/V PARTIALLY SUBMERGED AND ADRIFT VICINITY 22-01N 017-20W AT 231300Z JAN.
2. CANCEL HYDROLANT 2422/03(37) AND 7/04(37), AIDS RESTORED.
3. CANCEL THIS MSG 30 JAN.

(231700Z JAN 2004)

135/04 thru 139/04. CANCELED.

140/04(GEN).

1. HYDROLANT MESSAGES IN FORCE 241200Z JAN 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 2319(53), 2330(54), 2340(52,53), 2354(24), 2374(35), 2379(54), 2380(37), 2383(53), 2384(23,24), 2385(38), 2399(24), 2406(54), 2407(54), 2408(54), 2409(54), 2410(54), 2413(54), 2414(54), 2416(54), 2418(52), 2419(54), 2420(54).
2004 SERIES: 3(53), 17(53), 19(53), 29(37), 36(51,52), 40(53), 41(56), 47(54), 54(57), 56(35), 57(52,53), 59(35,37), 74(55), 90(53), 91(53), 92(37), 93(35), 105(37), 106(37), 107(57), 111(57), 113(56), 114(56), 115(55), 117(35), 123(24),

- 124(53), 125(56), 126(57), 127(53), 128(24), 129(37),
131(24), 133(GEN), 134(51), 136(24), 137(24), 138(24).
- 2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE
AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE
SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
- 3. CANCEL HYDROLANT 2203/02, 754/03, 867/03, 1863/03,
2263/03, 2291/03, 2306/03, 2312/03, 89/04, 139/04.

(241210Z JAN 2004)

- 141/04(37). FRANCE-NORTHWEST COAST.
CHART 37050 (9TH ED).
RACON AT NORTHEAST BUOY 48-59.5N 005-24.0W INOPERATIVE.

(241240Z JAN 2004)

142/04. CANCELED.

- 143/04(37). DOVER STRAIT.
CHART 37120 (2ND ED).
1. EAST GOODWIN LIGHTFLOAT 51-13N 001-36E
RANGE TEMPORARILY REDUCED TO 15 MILES.
- 2. CANCEL HYDROLANT 92/04.

(241817Z JAN 2004)

144/04 thru 151/04. CANCELED.

- 152/04(57). GULF OF GUINEA. BENIN.
CHART 57100 (10TH ED).
1. COTONOU LIGHT 06-21.1N 002-26.4E UNLIT 27 THRU 31 JAN.
- 2. CANCEL THIS MSG 01 FEB.

(261657Z JAN 2004)

153/04. CANCELED.

- 154/04(53). EASTERN MEDITERRANEAN SEA.
1. DERELICT F/V ADRIFT IN 36-03.29N 014-46.97E AT 261300Z JAN.
- 2. CANCEL THIS MSG 02 FEB.

(261744Z JAN 2004)

155/04. CANCELED.

- 156/04(36). IRELAND-NORTHEAST COAST.
CHART 36081 (16TH ED).
MEW ISLAND LIGHT 54-42N 005-31W UNRELIABLE.

(262139Z JAN 2004)

- 157/04(24). BRAZIL-EAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 29 JAN BY
M/V VERITAS VIKING TOWING EIGHT 6000 METER
LONG CABLES IN AREA BETWEEN
15-42S 15-08S AND 038-48W 037-47W.
SIX MILE BERTH REQUESTED.
- 2. CANCEL THIS MSG 30 JAN.

(270840Z JAN 2004)

- 158/04(37). ENGLISH CHANNEL.
CHART 37125 (15TH ED).
1. RCE BUOY 51-03N 001-53E UNRELIABLE.
- 2. CANCEL HYDROLANT 155/04(GEN).

(271140Z JAN 2004)

- 159/04(24,57). SOUTH ATLANTIC.
1. OCEANOGRAPHIC OPERATIONS IN PROGRESS UNTIL 20 FEB
BY M/V ATALANTE IN AREA BETWEEN
00-01N 10-00S AND 010-00W 023-00W.
- 2. CANCEL THIS MSG 21 FEB.

(280215Z JAN 2004)

- 160/04(23,29). SOUTH ATLANTIC.
1. ICEBERGS REPORTED ON 27 JAN:
A. A-38A, 22 MILES BY 48 MILES IN 55-36S 032-24W.
B. A-38B, 22 MILES BY 25 MILES IN 55-36S 034-24W.
C. A-38C, SEVEN MILES BY 11 MILES IN 52-36S 036-24W.
D. A-38D, TWO MILES BY TEN MILES IN 54-24S 033-24W.
E. A-43B, 13 MILES BY 40 MILES IN 54-24S 039-06W.
- 2. CANCEL THIS MSG 04 FEB.

(280300Z JAN 2004)

SECTION III

NM 7/04

- 161/04(24). BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 050300Z FEB BY
M/V RAMFORM VIKING TOWING EIGHT 6000 METER
LONG CABLES IN AREA BOUND BY
27-23S 047-07W, 26-53S 047-07W,
26-53S 046-22W, 27-22S 046-22W.
FOUR MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 150/04(57), 159/04(24,57) REFERS.
3. CANCEL THIS MSG 050400Z FEB. (280750Z JAN 2004)
- 162/04(24). BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 310159Z JAN
BY M/V POLAR PRINCESS TOWING 6000 METER
LONG CABLE IN AREA BOUND BY
25-56S 044-00W, 25-56S 043-02W,
26-21S 043-02W, 26-40S 043-37W,
26-21S 044-00W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 310259Z JAN. (280755Z JAN 2004)
- 163/04(56). EASTERN MEDITERRANEAN SEA.
1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 29 FEB
BY M/V C. EXPRESS AND M/V C. RANGER
IN AREA BOUND BY 33-04.0N 030-07.2E,
32-40.9N 029-27.2E, 32-48.4N 029-20.0E,
32-51.7N 029-44.5E, 32-55.6N 029-51.6E.
2. CANCEL THIS MSG 01 MAR. (280940Z JAN 2004)
- 164/04(53). TYRRHENIAN SEA.
CHART 53180 (10TH ED).
ISOLA FILICUDI LIGHT 38-35N 014-33E UNLIT. (281020Z JAN 2004)
- 165/04(53,54). EASTERN MEDITERRANEAN SEA.
1. CONTAINER ADRIFT VICINITY 35-14.3N 017-08.3E
AT 281200Z JAN.
2. CANCEL THIS MSG 04 FEB. (281745Z JAN 2004)
- 166/04. CANCELED.
- 167/04(24). BRAZIL-EAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 010300Z FEB
BY M/V TROPICALIENTE TOWING TWO 20 METER
LONG CABLES IN AREA BOUND BY
13-32.12S 038-49.80W, 13-33.95S 038-45.78W,
13-34.68S 038-46.13W, 13-32.85S 038-50.17W.
ONE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 149/04.
3. CANCEL THIS MSG 010400Z FEB. (290750Z JAN 2004)
- 168/04(24). BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 310159Z JAN
BY M/V CGG HARMATTAN TOWING SIX 6000 METER
LONG CABLES IN AREA BOUND BY
25-30S 045-21W, 25-40S 045-52W,
25-45S 045-51W, 25-35S 045-09W.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 310259Z JAN. (290755Z JAN 2004)
- 169/04(51,52). STRAIT OF GIBRALTAR.
1. NATO WARSHIPS ARE CONDUCTING ESCORT OPERATIONS
IN THE STRAIT OF GIBRALTAR IN ORDER TO MAINTAIN
SECURITY IN THE AREA AND TO ENSURE THE SAFE
TRANSIT OF DESIGNATED ALLIED SHIPS.
2. ALL VESSELS SAILING THROUGH THE
STRAIT OF GIBRALTAR ARE REQUESTED TO KEEP
500 YARDS CLEAR OF ESCORT FORMATIONS AND
ARE ADVISED TO LISTEN ON VHF CHANNEL 16.
3. ANY VESSEL APPROACHING A MILITARY FORMATION
WITHOUT ESTABLISHING COMMUNICATIONS MAY BE
CONSIDERED AS HAVING POTENTIALLY HOSTILE INTENTIONS.
4. NOTHING IN THIS NAVIGATIONAL WARNING IS INTENDED
TO IMPEDE OR INTERFERE WITH THE FREEDOM OF
NAVIGATION. THIS WARNING IS PUBLISHED SOLELY
TO ADVISE ABOUT THE HEIGHTENED STATE
OF READINESS OF NATO FORCES. (290810Z JAN 2004)

170/04(23). ARGENTINA.
CHART 23000 (5TH ED).
1. SANTA CRUZ LIGHT 50-09S 068-22W UNLIT.
2. CANCEL HYDROLANT 115/04(55).

(290940Z JAN 2004)

SECTION III

NM 7/04

NAVAREA XII

Messages in force 291200Z January 2004:

2003 series	2004 series	32(GEN)	41(18)
262(GEN)	10(GEN)	38(19)	

The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03.

NAVAREA XII WARNINGS issued from 221200Z to 291200Z January 2004.

29/04 thru 31/04. CANCELED.

32/04(GEN).

1. NAVAREA XII MESSAGES IN FORCE 241000Z JAN 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 384(19).
2004 SERIES: 10(GEN), 28(18), 31(GEN).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
3. CANCEL NAVAREA XII 20/04.

(241020Z JAN 2004)

33/04 thru 37/04. CANCELED.

38/04(19). NORTH PACIFIC. HAWAII. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2400Z DAILY MONDAY THRU SUNDAY IN THE PACIFIC MISSILE RANGE FACILITY, HAWAIIAN AREA, BARKING SANDS, KAUAI. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1600Z TO 0400Z DAILY MONDAY THRU FRIDAY. THE PACIFIC MISSILE RANGE FACILITY HAWAIIAN AREA (W188) IS BOUND BY:
 - A. 22-00.0N 159-51.0W.
 - B. 22-00.0N 160-00.0W THENCE CCW THREE MILES FROM
 - C. 22-02.7N 160-09.1W. NIIHAU/LEHUA.
 - D. 22-03.0N 160-21.0W.
 - E. 22-05.0N 161-35.0W THENCE CW 100 MILES FROM
 - F. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - G. 22-45.0N 161-25.0W.
 - H. 22-56.0N 161-49.0W THENCE CW 125 MILES FROM
 - I. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - J. 23-57.0N 160-41.0W.
 - K. 25-41.0N 161-36.0W THENCE CW 240 MILES FROM
 - L. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - M. 25-47.0N 158-15.0W.
 - N. 23-54.0N 158-15.0W.
 - O. 22-20.0N 159-09.0W THENCE CCW 25 MILES FROM
 - P. 21-58.1N 159-20.5W. LIHUE VORTAC.
 - Q. 22-13.0N 159-42.0W THENCE CCW THREE MILES AND PARALLEL TO THE SHORELINE OF KAUAI.
 - R. 22-00.0N 159-51.0W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT "MISSILE RANGE BARKING SANDS" ON 2182 KHZ, 4491 USB OR 156.8 MHZ (CHANNEL 16) BEFORE ENTERING THE ABOVE BOUNDARIES. IF UNABLE TO CONTACT THE PACIFIC MISSILE RANGE FACILITY PRIOR TO ENTERING OR WHILE IN THE WARNING AREA, RELAY MESSAGES THROUGH U.S. COAST GUARD HONOLULU.
3. VESSELS INBOUND AND OUTBOUND FOR HAWAIIAN PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS AS WELL AS ENHANCE THE VESSEL'S SAFETY BY PASSING SOUTH OF THE ISLANDS OF KAUAI AND NIIHAU DURING SPECIFIED TIMES.
4. CANCEL NAVAREA XII 384/03.

(271020Z JAN 2004)

39/04 and 40/04. CANCELED.

41/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:
 - A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
 - B. 33-52N 119-06W. TO THE SHORELINE.
 - C. 33-29N 119-07W. N. 34-24N 120-30W.
 - D. 33-29N 118-37W. O. 34-08N 120-26W.

- | | |
|--------------------|--------------------|
| E. 33-20N 118-37W. | P. 34-08N 119-40W. |
| F. 32-11N 120-16W. | Q. 34-00N 119-40W. |
| G. 31-54N 121-35W. | R. 34-06N 119-13W. |
| H. 35-09N 123-39W. | S. 34-06N 119-11W. |
| I. 35-29N 123-00W. | T. 34-07N 119-10W. |
| J. 35-04N 122-43W. | U. 34-07N 119-07W. |
| K. 35-57N 121-32W. | V. 34-04N 119-04W. |
| L. 34-59N 120-42W. | |

2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 28/04.

(291010Z JAN 2004)

SECTION III

NM 7/04

HYDROPACS

Messages in force 291200Z January 2004:

2001 series	895(62)	1892(73)	2250(95)	70(63)	153(63)
1976(62)	960(63)	1893(73)	2251(95)	73(61)	154(81)
2002 series	993(62)	1911(62)	2252(95)	74(83)	155(94)
205(GEN)	998(71)	1982(GEN)	2253(95)	75(62,63)	158(29)
206(GEN)	1041(71)	1998(61)	2254(95)	84(62)	163(97)
403(72,73)	1198(92)	2004(73,74)	2255(94,95)	86(95)	164(29)
2199(63)	1213(73)	2106(73)	2260(74,75,76)	87(81)	165(74)
2330(62)	1248(63)	2111(63)	2263(61)	95(71)	166(71,72)
2339(63)	1266(73)	2159(63)	2264(61)	96(63)	167(63)
2003 series	1330(62)	2181(74)	2265(62)	102(63)	168(63)
167(95)	1395(62)	2191(81)	2275(22)	103(63)	169(63)
197(71)	1398(74)	2195(81)	2004 series	104(63)	176(81)
207(62)	1485(22)	2200(63)	20(97)	105(63)	177(81)
445(96)	1652(63)	2203(63)	23(62)	113(62)	179(81)
495(62)	1653(63)	2223(94)	28(95)	115(62)	181(94,95)
496(62)	1655(29)	2224(63)	37(22)	116(74,75)	182(95)
506(62)	1699(63)	2227(82)	41(61)	121(63)	183(95)
515(73)	1700(62)	2233(82)	45(63)	123(95,96)	
638(62)	1734(74)	2237(71)	56(74)	131(62,63)	
760(63)	1736(63)	2239(83)	60(94)	139(GEN)	
761(63)	1745(96)	2241(61)	61(94)	140(63)	
801(72)	1785(96)	2244(61)	65(63)	152(62)	

The summary of all HYDROPACS in force as of 11 December 2003 is given in Section III of NM 52/03.

HYDROPAC WARNINGS issued from 221200Z to 291200Z January 2004.

126/04 thru 130/04. CANCELED.

131/04(62,63). ARABIAN SEA. GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 0200Z TO 1300Z DAILY
28 AND 29 JAN IN AREA BOUND BY
20-20N 060-00E, 17-04N 063-00E,
16-50N 061-50E, 18-50N 058-22E.
2. CANCEL THIS MSG 291400Z JAN.

(230940Z JAN 2004)

132/04 thru 138/04. CANCELED.

139/04(GEN).

1. HYDROPAC MESSAGES IN FORCE 241200Z JAN 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 2181(74), 2191(81), 2195(81), 2200(63),
2203(63), 2223(94), 2224(63), 2227(82), 2233(82), 2237(71),
2239(83), 2241(61), 2244(61), 2250(95), 2251(95), 2252(95),
2253(95), 2254(95), 2255(94,95), 2260(74,75,76), 2263(61),
2264(61), 2265(62), 2275(22).
2004 SERIES: 2(63), 20(97), 23(62), 27(63), 28(95), 37(22),
41(61), 45(63), 47(75), 56(74), 60(94), 61(94), 65(63),
70(63), 72(72), 73(61), 74(83), 75(62,63), 84(62), 86(95),
87(81), 88(95), 95(71), 96(63), 102(63), 103(63), 104(63),
105(63), 108(94), 109(63), 113(62), 115(62), 116(74,75),
120(73,74), 121(63), 122(73,74), 123(95,96), 130(73,82),
131(62,63), 132(22,83), 133(61), 134(19,81), 135(81),
136(GEN), 137(74), 138(76).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
3. CANCEL HYDROPAC 1514/03, 1518/03, 2139/03,
2140/03, 2167/03, 79/04.

(241220Z JAN 2004)

140/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY
27 AND 30 JAN IN AREA BOUND BY
09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 301630Z JAN.

(241442Z JAN 2004)

141/04 thru 151/04. CANCELED.

152/04(62). ARABIAN SEA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 290400Z TO 291200Z JAN WITHIN ONE MILE OF 19-00N 060-00E.
2. CANCEL HYDROPAC 144/04(81,92), SIGNAL CEASED.
3. CANCEL THIS MSG 291300Z JAN.

(260850Z JAN 2004)

153/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY 27 JAN THRU 14 FEB BY M/V VERITAS SEARCHER TOWING 6000 METER LONG CABLE IN AREA BOUND BY 14-00N 071-00E, 13-00N 071-00E, 13-00N 072-10E, 13-50N 072-10E, 13-50N 072-40E, 14-00N 072-40E. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 15 FEB.

(261140Z JAN 2004)

154/04(81). NORTH PACIFIC.

1. UNDERWATER OPERATIONS 29 JAN THRU 05 FEB BY M/V HAKUREI MARU NR 2 IN AREA BETWEEN 12-40N 13-10N AND 143-20E 143-50E.
2. CANCEL THIS MSG 06 FEB.

(261210Z JAN 2004)

155/04(94). EAST CHINA SEA.

1. CABLE REPAIR OPERATIONS IN PROGRESS UNTIL 30 JAN BY M/V KDD PACIFIC LINK IN AREA BOUND BY 25-38N 121-24E, 25-33N 121-31E, 25-23N 121-22E, 25-28N 121-15E.
2. CANCEL HYDROPAC 108/04.
3. CANCEL THIS MSG 31 JAN.

(261250Z JAN 2004)

156/04 and 157/04. CANCELED.

158/04(29). SOUTH PACIFIC.

- DISTRESS SIGNAL RECEIVED VICINITY 68-52S 171-33W. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MARITIME OPERATIONS NEW ZEALAND, INMARSAT-C: 4512 00067, PHONE: 644 914 8333, FAX: 644 914 8334 OR TAUPO MARITIME RADIO.

(270720Z JAN 2004)

159/04 thru 162/04. CANCELED.

163/04(97). NORTH PACIFIC.

1. DERELICT GONDOLA, GAS CYLINDERS AND HOT AIR BALLOON ADRIFT IN 39-38.6N 157-57.8E AT 272111Z JAN.
2. CANCEL HYDROPAC 137/04(74), AID RESTORED.
3. CANCEL HYDROPAC 162/04, PERSONS RESCUED.
4. CANCEL THIS MSG 04 FEB.

(280120Z JAN 2004)

164/04(29). SOUTH ATLANTIC. ANTARCTICA. ICE.

1. ICEBERGS REPORTED ON 27 JAN IN:
 - A. A-43A, 14 MILES BY 35 MILES IN 64-12S 055-42W.
 - B. A-43E, TEN MILES BY 14 MILES IN 66-48S 059-12W.
 - C. A-43F, 22 MILES BY 44 MILES IN 66-24S 060-00W.
 - D. A-43J, FIVE MILES BY 17 MILES IN 67-00S 059-48W.
 - E. A-52, EIGHT MILES BY 22 MILES IN 65-06S 057-42W.
2. CANCEL THIS MSG 04 FEB.

(280310Z JAN 2004)

165/04(74). TORRES STRAIT.

1. DERELICT 30 METER F/V CAPSIZED AND ADRIFT IN 10-42.9S 140-29.2E AT 280025Z JAN.
2. CANCEL HYDROPAC 148/04.
3. CANCEL THIS MSG 04 FEB.

(280710Z JAN 2004)

SECTION III

NM 7/04

- 166/04(71,72). JAVA SEA.
1. SEISMIC SURVEY IN PROGRESS UNTIL 23 FEB
BY M/V ZEPHYR-1 TOWING 4000 METER LONG
CABLE IN AREA BETWEEN
04-08S 04-52S AND 110-03E 111-02E.
2. CANCEL HYDROPAC 72/04.
3. CANCEL THIS MSG 24 FEB. (280910Z JAN 2004)
- 167/04(63). INDIA-WEST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 10 FEB BY
M/V TEKNIK PERDNA TOWING 1500 METER
LONG CABLE IN AREA BOUND BY
20-19.3N 067-18.2E, 20-20.3N 067-21.5E,
20-17.1N 067-22.5E, 20-16.2N 067-19.2E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 11 FEB. (281140Z JAN 2004)
- 168/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY 01 THRU 07 FEB
WITHIN 25 MILES OF 14-01.0N 074-19.6E.
2. CANCEL THIS MSG 071230Z FEB. (281145Z JAN 2004)
- 169/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0230Z TO 1230Z
DAILY 01 THRU 07 FEB IN AREA BETWEEN
15-13N 15-11N AND 073-57E 073-52E.
2. CANCEL THIS MSG 071330Z FEB. (281150Z JAN 2004)
- 170/04 thru 175/04. CANCELED.
- 176/04(81). NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 10-47.1N 143-56.4E
AT 290324Z JAN. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD GUAM. (290620Z JAN 2004)
- 177/04(81). NORTH PACIFIC. ORDNANCE.
1. UNDERWATER ORDNANCE DETONATIONS 300001Z TO 300900Z JAN
WITHIN 90 MILES OF 16-30N 139-47E.
2. CANCEL THIS MSG 301000Z JAN. (290820Z JAN 2004)
- 178/04. CANCELED.
- 179/04(81). NORTH PACIFIC. ORDNANCE.
1. UNDERWATER ORDNANCE DETONATIONS 310001Z TO 310900Z JAN
WITHIN 50 MILES OF 14-05N 143-45E.
2. CANCEL HYDROPAC 178/04.
3. CANCEL THIS MSG 311000Z JAN. (290845Z JAN 2004)
- 180/04. CANCELED.
- 181/04(94,95). YELLOW SEA. ORDNANCE.
1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
02 THRU 07, 09 THRU 14, 16 THRU 21 AND
23 THRU 28 FEB IN AREA BETWEEN
34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 281400Z FEB. (291110Z JAN 2004)
- 182/04(95). YELLOW SEA. ORDNANCE.
1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
02 THRU 07, 09 THRU 14, 16 THRU 21 AND
23 THRU 28 FEB IN AREA BETWEEN
36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 281400Z FEB. (291120Z JAN 2004)

183/04(95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
02 THRU 07, 09 THRU 14, 16 THRU 21 AND
23 THRU 28 FEB IN AREA BOUND BY
36-35.0N 125-36.0E, 36-35.0N 124-50.0E,
37-06.0N 124-50.0E, 37-10.2N 125-36.0E.
2. CANCEL THIS MSG 281400Z FEB.

(291125Z JAN 2004)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 29 January 2004: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 29 January 2004: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION

NEW EDITION OF LIST OF LIGHTS

Pub. 112, 2004 Edition, List of Lights, Radio Aids and Fog Signals for the Western Pacific and Indian Oceans including the Persian Gulf and Red Sea, is ready for issue.

This edition contains information available to the National Geospatial-Intelligence Agency (NGA) up to 29 November 2003, including Notice to Mariners No. 48 of 2003.

Corrections subsequent to the above effective date, up to and including Notice to Mariners No. 7 of 2004, are contained in Section II of this Notice.

In the interval between new editions, corrective information affecting this publication will be published in the Notice to Mariners and must be applied in order to keep this publication current.

Note: Copies of the above publication may be obtained from the Government Printing Office (GPO).

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand Chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the Traditional NOAA/NOS paper Chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Charts-on-Demand Chart is available the day after NOAA clears a New Edition for release. The Traditional Chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. For questions contact NOAA at help@nauticalcharts.gov or call 301-713-1773 x 105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new editions released by NOAA are listed below.

514	7 th Ed. Jan 2004 NEW EDITION WOPGN514	NAD 83	(NOS Silver Spring, MD)
	NORTH PACIFIC OCEAN-BERING SEA-NORTHERN PART		1 : 3,500,000/LORAN-C
	(New edition due to changes in format)		
14993	12 th Ed. Jan 2004 NEW EDITION 14XHA14993	NAD 83	(NOS Silver Spring, MD)
	BORDER LAKES-MN-ONT-NAMAKAN LAKE-EASTERN PART		1 : 42,240
	(New edition due to changes in format.)		
16517	6 th Ed. Jan 2004 NEW EDITION 16XHA16517	NAD 83	(NOS Silver Spring, MD)
	AK-ALEUTIAN ISLANDS-MAKUSHIN BAY-UNALASKA ISLAND		1 : 40,000
	(New edition due to changes in format.)		
16741	10 th Ed. Jan 2004 NEW EDITION 16XHA16741	NAD 83	(NOS Silver Spring, MD)
	AK-SOUTH COAST-ICY BAY		1 : 40,000
	(New edition due to various general changes.)		
18443	16 th Ed. Jan 2004 NEW EDITION 18BHA18443	NAD 83	(NOS Silver Spring, MD)
	WA-WEST COAST-APPROACHES TO EVERETT		1 : 40,000
	(New edition due to numerous Notice to Mariner changes.)		

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

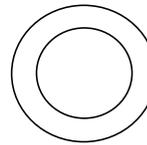
Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



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ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address _____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

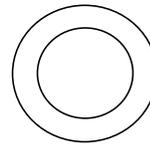
Sounding sensor or method used _____

Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary): _____



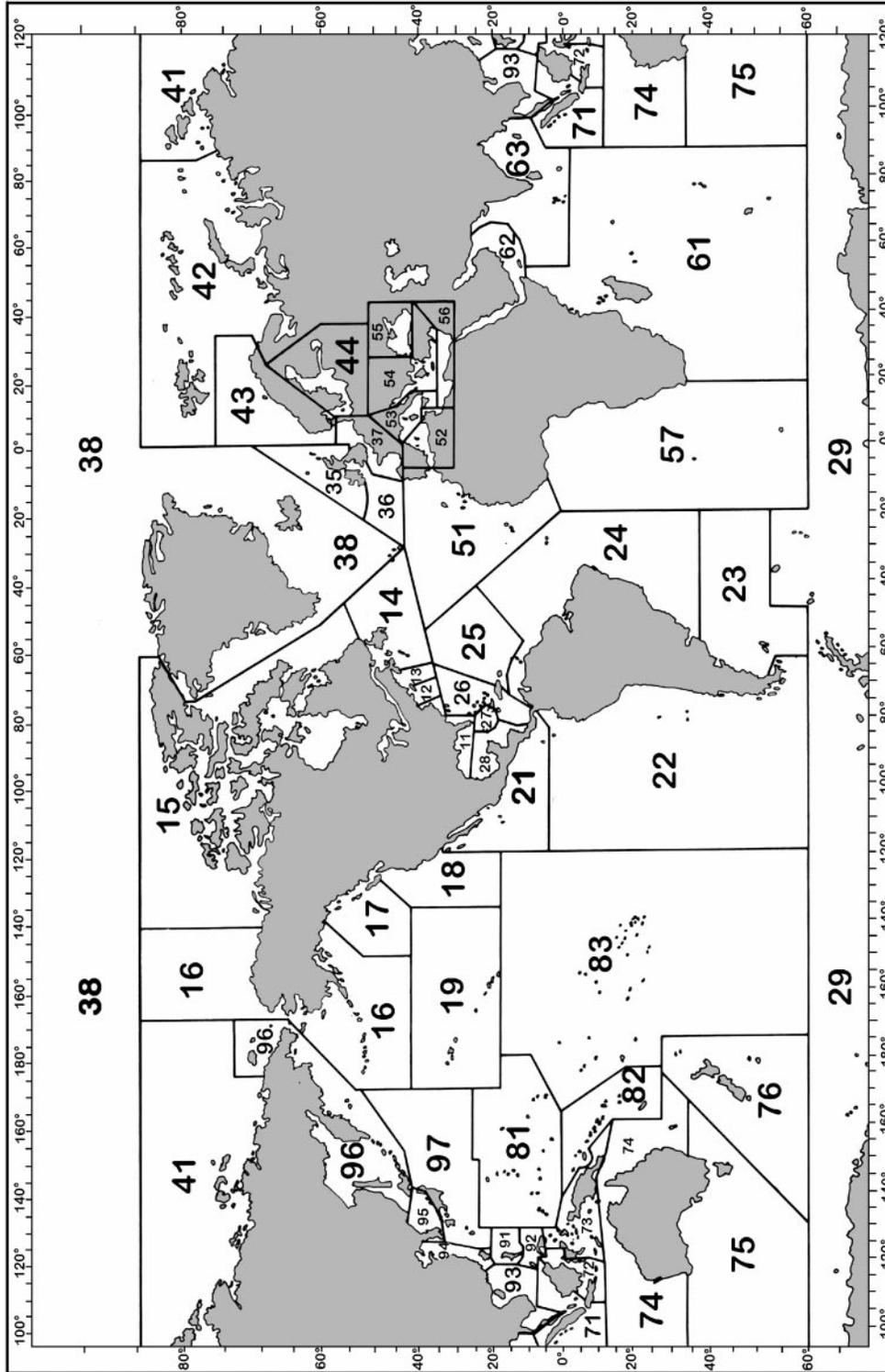
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GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

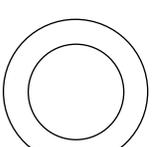
DEFENSE SUPPLY CENTER RICHMOND

ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

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**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY

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